

TREASURY DEPARTMENT.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE

---



# PUBLIC HEALTH REPORTS

---

Published in accordance with act of Congress approved  
February 15, 1893

VOL. XXIV

---

MAY 7, 1909

---

No. 19

WASHINGTON  
GOVERNMENT PRINTING OFFICE

1909

**NOTICE.**

Any person on the mailing list of the **PUBLIC HEALTH REPORTS** who at any time fails to receive promptly this publication will confer a favor by notifying the Surgeon-General of the Public Health and Marine-Hospital Service.

# CONTENTS.

## UNITED STATES.

	Page.
Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.....	593
Report from Seattle, Wash.—Plague-prevention work.....	594
Statistical reports of morbidity and mortality, States and cities of the United States, untabulated.....	595
Smallpox in the United States.....	597
Weekly morbidity and mortality table, cities of the United States.....	605

## FOREIGN AND INSULAR.

Barbados: Report from Bridgetown—Inspection of vessels—Status of yellow fever.....	609
China:	
Report from Amoy—Inspection of vessels—Examination of emigrants—Leprosy and smallpox.....	609
Report from Canton—Plague.....	609
Report from Hongkong—Quarantine restrictions—Plague and smallpox—Examination of emigrants—Inspection of vessels.....	609
Report from Shanghai—Inspection of vessels—Examination and disinfection of emigrants—Municipal house cleaning—Plague-infected rats.....	610
Cuba:	
Report from Cienfuegos—Inspection of vessels.....	611
Report from Habana—Inspection and fumigation of vessels.....	611
Report from Matanzas—Inspection of vessels—Epidemic measles—Scarlet fever—Leprosy.....	611
Report from Santiago—Inspection of vessels—Leprosy.....	611
Germany: Report from Berlin—Status of cholera in Russia.....	612
Guatemala: Report from Puerto Barrios, fruit port.....	612
Hawaii: Report from Honolulu—Examination of rats for plague infection.....	612
Honduras:	
Report from Ceiba, fruit port— <i>Stegomyia calopus</i> present—Sanitary conditions.....	613
Report from Puerto Cortez, fruit port.....	613
Report from Tela, fruit port.....	613
India: Report from Calcutta—Care of lepers in India.....	614
Japan:	
Report from Yokohama—Examination of emigrants.....	614
Report from Formosa—Plague.....	614
Report from Kobe—Inspection of vessels—Examination and disinfection of emigrants—Plague.....	614

<b>Mexico:</b>	<b>Page.</b>
Report from Coatzacoalcas—Inspection and fumigation of vessels.....	615
Report from Progreso—Sanitary conditions—Yellow fever at Ticul.....	615
Report from Tampico—Inspection and fumigation of vessels.....	615
Report from Veracruz—Smallpox along railway lines—Typhus fever and smallpox in Mexico City.....	615
Nicaragua: Reports from Bluefields, fruit port.....	615
Peru: Report from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Plague in Callao—Plague in Chilean ports.....	616
Philippine Islands: Report from Manila—Smallpox—Status of cholera in the Provinces—Inspection of vessels.....	617
Foreign and insular statistical reports of countries and cities, untabulated.....	617
Cholera, yellow fever, plague, and smallpox tables.....	619
Weekly mortality table, foreign and insular cities.....	626



# PUBLIC HEALTH REPORTS.

## UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

*Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.*

Passed Assistant Surgeon Blue reports:

### SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.

Date of last case of rodent plague: October 23, 1908.

*Week ended April 24, 1909.*

Sick inspected.....	2
Plague.....	0
Dead inspected.....	124
Plague.....	0
Necropsy held.....	1
Premises inspected.....	2,424
Buildings condemned.....	8
Houses disinfected.....	84
Nuisances abated.....	310
<hr/>	
Rats found dead.....	83
Rats trapped.....	2,149
<hr/>	
Total rats taken.....	2,232
<hr/>	
Rats identified:	
Mus norvegicus.....	1,617
Mus rattus.....	63
Mus musculus.....	504
Mus alexandrinus.....	22
<hr/>	
Total.....	2,206
<hr/>	
Rats identified as to sex:	
Male.....	736
Female.....	899
<hr/>	
Total.....	1,635
<hr/>	
Ground squirrels trapped.....	3
Gophers trapped.....	4
Rats examined bacteriologically.....	1,539
Plague rats.....	0
Ground squirrels examined bacteriologically.....	3
Plague squirrels.....	0
Gophers examined bacteriologically.....	4
Plague gophers.....	0
Poisons placed.....	22,034

## OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.

Date of last case of rodent plague: Trapped, December 1, 1908.

*Week ended April 17, 1909.*

Dead inspected.....	25
Plague.....	0
Necropsies held.....	4
Premises inspected.....	1, 198
Nuisances abated.....	169
Premises cleaned.....	185
Garbage cans installed.....	181
Rats found dead.....	19
Rats trapped.....	600
Mice trapped.....	54
Rats identified.....	673
Mus norvegicus.....	605
Mus musculus.....	54
Mus rattus.....	7
Mus alexandrinus.....	7
Rats examined bacteriologically.....	588
Plague rats.....	0
Mice examined bacteriologically.....	54
Plague mice.....	0
Poisons placed.....	37, 835

## POINT RICHMOND, CAL.

*Week ended April 17.*

Premises inspected.....	490
Nuisances abated.....	35
Rats found dead.....	14
Rats trapped.....	22
Rats examined bacteriologically.....	22
Plague rats.....	0
Poisons placed.....	7, 000

## ALAMEDA COUNTY, CAL.

*Week ended April 17.*

Dead inspected.....	41
Plague.....	0
Necropsies held.....	5

## CONTRA COSTA COUNTY, CAL.

*Week ended April 17.*

Dead inspected.....	1
Plague.....	0
Ranches inspected.....	29
Ranches found free of ground squirrels.....	11

*Report from Seattle, Wash.—Plague-prevention work.*

Passed Assistant Surgeon Glover reports, April 19:

## SEATTLE, WASH.

Date of finding last plague rat, September 26, 1908.

*Week ended April 17, 1909.*

Rats received.....	894
Rats necropsied.....	900
Plague rats.....	0
Plague-infected rats to date.....	21

## STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

FLORIDA.—Report from the state board of health of communicable diseases for the week ended April 24, 1909, shows as follows: Diphtheria—*Jacksonville*, *Tallahassee*, and *Waldo*, each 1 case; *Tampa*, 2. Malaria—*Clearwater*, *Orlando*, *Plant City*, and *Welaka*, each 1 case; *Inverness*, *Lake Butler*, each 2 cases; *Arcadia* 3, *Jacksonville* 12, *Tampa* 14, *Tallahassee* 4. Tuberculosis—*Ocala*, *Gainesville*, and *Plant City*, each 1 case; *Tallahassee* 2, *Jacksonville* 3, and *Tampa* 7. Enteric fever—*Tampa* 1.

INDIANA.—Month of February, 1909. Total number of deaths, 2,955, corresponding to an annual death rate of 14 per 1,000 of the population, which is estimated at 2,727,144. Deaths from contagious diseases were: Tuberculosis 358, enteric fever 19, diphtheria 18, scarlet fever 12, measles 12, whooping cough 38. Cases: Smallpox 138 in 22 counties; enteric fever 68 in 30 counties; diphtheria 93 in 33 counties.

*Evansville*.—Month of March, 1909. Estimated population, 75,000. Total number of deaths, 89, including enteric fever 1 and 13 from pulmonary tuberculosis. Cases: Diphtheria 4, scarlet fever 2, whooping cough 1, enteric fever 11, and pulmonary tuberculosis 6.

*Jeffersonville*.—Month of March, 1909. Estimated population, 12,000. Total number of deaths, 15, including 4 from tuberculosis. Cases: Tuberculosis 4.

LOUISIANA—*New Orleans*.—Month of March, 1909. Estimated population, 362,000 (white, 265,000; colored, 97,000). Total number of deaths, 563 (white, 342; colored, 221), including enteric fever 7, scarlet fever 12, diphtheria 1, and 64 from tuberculosis. Annual death rate per 1,000 for the month: White, 15.49; colored, 27.34. Total white and colored, 18.66.

MASSACHUSETTS.—Reports from the state board of health for the month of March, 1909. Fifty-three cities and towns reporting, having an aggregate estimated population of 2,363,438, report 3,205 deaths, including diphtheria 54, enteric fever 8, measles 22, and 275 from phthisis pulmonalis. Cases: Diphtheria 610, enteric fever 77, measles 1,917, scarlet fever 713, whooping cough 219, smallpox 2, and phthisis pulmonalis 556.

*Gloucester*.—Annual report for the year 1908. Total number of deaths 673, corresponding to an annual death rate of 13.4 per 1,000 of population, which is estimated at 53,176. The deaths from contagious diseases were: Whooping cough 17, diphtheria 9, enteric fever 2, and 71 from tuberculosis. Cases: Diphtheria 68, scarlet fever 74, and enteric fever 8.

*Salem*.—Period from January 1 to April 17, 1909. Estimated population 39,000. Total number of deaths 227, including scarlet

fever 1, diphtheria 1, and 13 from tuberculosis. Cases: Scarlet fever 40, diphtheria 28, whooping cough 15, measles 5, and tuberculosis 34.

*Springfield*.—Annual report for the year 1908. Estimated population, 81,425. Total number of deaths, 1,224, corresponding to an annual death rate of 15.03 per 1,000 of population, including enteric fever 22, measles 1, scarlet fever 8, whooping cough 2, diphtheria 24, and 92 from tuberculosis. Cases: Diphtheria 287, measles 92, scarlet fever 173, tuberculosis 91, enteric fever 90, and whooping cough 16.

*Worcester*.—Month of January, 1909. Estimated population, 143,333. Total number of deaths, 177, including enteric fever 1, whooping cough 3, diphtheria 2, and 25 from tuberculosis. Cases: Diphtheria 40, scarlet fever 40, enteric fever 1, tuberculosis 27, and whooping cough 5.

Month of February, 1909. Total number of deaths, 170, including scarlet fever 1, whooping cough 2, diphtheria 2, and 10 from tuberculosis. Cases: Diphtheria 31, scarlet fever 31, enteric fever 2, measles 20, whooping cough 8, and tuberculosis 26.

MINNESOTA—*Minneapolis*.—Month of March, 1909. Estimated population, 310,000. Total number of deaths, 319, including diphtheria 6, enteric fever 10, scarlet fever 5, and 47 from tuberculosis. Cases: Diphtheria 101, enteric fever 12, scarlet fever 97, smallpox 21, and tuberculosis 49.

*St. Paul*.—Month of February, 1909. Estimated population, 230,000. Total number of deaths reported to the department of health, 188, including diphtheria 6, enteric fever 2, scarlet fever 10, whooping cough 1, and 21 from tuberculosis. Cases: Diphtheria 113, scarlet fever 132, and smallpox 41.

Month of March, 1909. Total number of deaths, 224, including enteric fever 1, scarlet fever 10, diphtheria 12, and 33 from tuberculosis. Cases: Diphtheria 102, scarlet fever 210, measles 2, and smallpox, 27.

MISSOURI—*St. Louis*.—Month of March, 1909. Estimated population, 735,000 (white, 688,000; colored, 47,000). Total number of deaths, 995 (white, 901; colored, 94), including diphtheria 24, measles 16, enteric fever 7, scarlet fever 8, whooping cough 1, and 113 from pulmonary tuberculosis. Cases of contagious diseases reported: Diphtheria 168, enteric fever 17, measles 1,215, scarlet fever 122, whooping cough 31, smallpox 11, leprosy 1, and pulmonary tuberculosis 205.

NEW HAMPSHIRE—*Franklin*.—Month of April, 1909. Estimated population, 7,200. Total number of deaths, 14, including measles 3 and 1 from tuberculosis. Cases: Measles 63, and tuberculosis 1.

*Manchester*.—Month of March, 1909. Estimated population, 68,000. Total number of deaths, 110, including diphtheria 1, whoop-

ing cough 2, and 8 from tuberculosis. Cases: Diphtheria 31, scarlet fever 13, and enteric fever 3.

**NORTH CAROLINA.**—Month of February, 1909. Estimated population, 1,893,810. Reports of state board of health from 82 counties show as follows: Measles in 29 counties, whooping cough in 37 counties, scarlet fever in 28 counties, diphtheria in 27 counties, enteric fever in 24 counties, malarial fever in 8 counties, pernicious malarial fever in 3 counties, hemorrhagic malarial fever in 3 counties, and smallpox in 19 counties, viz: Bertie, 2; Camden, 20; Craven, 2; Currituck, a few; Duplin, 8; Forsyth, 18; Harnett, 16; Johnston, 6; Lee, 10; Lenoir, 40; Madison, 5; Martin, 9; Nash, 1; New Hanover, 2; Pasquotank, about 50; Rowan, 1; Sampson, 9; Warren, 3; Wayne 7.

**UTAH**—*Salt Lake City*.—Month of March, 1909. Estimated population, 85,000. Total number of deaths from all causes, 140, including diphtheria 6, scarlet fever 3, and 10 from tuberculosis. Cases: Diphtheria 20, whooping cough 37, measles 6, smallpox 62, scarlet fever 85, enteric fever 1.

**WISCONSIN**—*Milwaukee*.—Month of March, 1909. Estimated population, 370,000. Total number of deaths 424, including enteric fever 10, scarlet fever 3, diphtheria 5, measles 5, whooping cough 4, and 43 from tuberculosis. Cases: Smallpox 45, tuberculosis 68, diphtheria 70, scarlet fever 97, enteric fever 62, and measles 383.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to May 7, 1909.*

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Autauga County.....	Feb. 27-Apr. 5....	11	.....	Year 1908.
Prattville.....	Feb. 27-Apr. 5....	3	.....	
Dallas County.....	Feb. 20-Apr. 12....	12	.....	
Selma.....	Feb. 28-Apr. 12....	26	.....	
Jefferson County— Birmingham.....	Mar. 1-31.....	10	.....	
Mobile County— Mobile.....	Jan. 12-Apr. 17....	8	.....	
Montgomery County— Montgomery.....	Mar. 13-Apr. 2....	.....	2	
Tuscaloosa County.....	.....	86	.....	
Total for State.....	.....	156	2	
Arkansas:				
Allbrook.....	Jan. 1-Mar. 25....	40	.....	Year 1908.
Bethel.....	Jan. 25.....	3	.....	
Jonesboro.....	Jan. 20-Mar. 1....	20	.....	
Little Rock.....	Dec. 15-Jan. 2....	23	.....	
Magnolia.....	Jan. 5-13.....	25	.....	
Paragould.....	Feb. 1-Mar. 9....	27	.....	
Texarkana.....	Nov. 26-Jan. 11....	10	.....	
Total for State.....	.....	148	.....	
California, general.				
Los Angeles.....	Nov. 1-Feb. 28....	.....	4	Year 1908.
Oakland.....	Dec. 6-Apr. 3....	19	1	
Oakland.....	Nov. 1-Apr. 19....	16	.....	
Sacramento.....	Nov. 1-Apr. 24....	55	.....	



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California—Continued</b>				
San Francisco.....	Dec. 13-Apr. 10...	31	.....	
Stockton.....	Nov. 1-30.....	12	.....	
Total for State.....		133	5	
Colorado, general.....	July 1-Feb. 23.....	109	.....	
<b>District of Columbia:</b>				
Washington.....	Dec. 28-Apr. 17...	11	.....	
Total for District.....		11	.....	
<b>Georgia:</b>				
Bibb County—				
Macon.....	Mar. 14-Apr. 25...	18	.....	
Cobb County.....	Jan. 16-Feb. 7.....	8	.....	
Paulding County.....	Jan. 16-Feb. 7.....	15	.....	
Total for State.....		41	.....	
<b>Illinois:</b>				
Alexander County—				
Cairo.....	Jan. 7-Feb. 27.....	211	.....	
Thebes.....	Jan. 1-31.....	2	.....	
Bureau County—				
Ladd.....	Nov. 1-30.....	4	.....	
Christian County—				
Taylorville.....	Aug. 1-Jan. 20.....	40	.....	
Clinton County—				
Carlyle.....	Jan. 1-31.....	1	.....	
Coles County—				
Charleston.....	Jan. 1-30.....	1	.....	
Cook County—				
Chicago.....	Jan. 3-Apr. 3.....	10	.....	
Franklin County—				
West Frankfort.....	Dec. 12-Feb. 13...	15	.....	
Fulton County—				
Canton.....	Jan. 1-Feb. 28.....	55	.....	
Cuba.....	Jan. 1-31.....	1	.....	
Lewiston.....	Jan. 1-31.....	6	.....	
Jackson County—				
Murphysboro.....	Jan. 1-31.....	45	1	
Jasper County.....	Jan. 1-31.....	.....	.....	Present in Smallwood and South Muddy townships.
Newton.....	Jan. 1-31.....	1	.....	
Jo Daviess County—				
Galena.....	Jan. 1-31.....	3	.....	
Kane County—				
St. Charles.....	Jan. 1-31.....	1	.....	
Kankakee County—				
Grant Park.....	Jan. 1-31.....	1	.....	
Knox County—				
Galesburg.....	Feb. 14-Apr. 17...	8	.....	
Lake County—				
Waukegan.....	Feb. 2-26.....	3	.....	
McLean County—				
Bloomington.....	Jan. 1-31.....	5	.....	
Macon County—				
Decatur.....	Jan. 1-31.....	8	.....	
Macoupin County—				
Benld.....	Feb. 15-18.....	2	.....	
Palmyra.....	Dec. 25-Jan. 20...	4	.....	
Scottsville.....	Dec. 25-Jan. 20...	12	.....	
Madison County—				
Alton.....	Mar. 1-31.....	1	.....	
Marion County—				
Centralia.....	July 1-Jan. 20.....	53	.....	
Odin.....	Jan. 1-31.....	1	.....	
Sandoval.....	Jan. 1-31.....	1	.....	
Mason County.....	Jan. 1-31.....	.....	.....	Present in Havana and Quiver townships.
Massac County—				
Metropolis.....	Jan. 1-31.....	1	.....	
Mercer County.....	Jan. 1-31.....	1	.....	In North Henderson township.
Montgomery County.....	Jan. 1-31.....	8	.....	Present in Farmersville and in Bois d'Arc and Pitman townships.
Morgan County—				
Jacksonville.....	Feb. 5-11.....	1	.....	
Peoria County—				
Peoria.....	Dec. 20-Apr. 3....	43	.....	Present in Glasford and in Timber and Trivoli townships

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Pulaski County.....	Jan. 1-31.....	.....	.....	Present in Eulaski.
Mounds.....	Jan. 1-31.....	3	.....	
Mound City.....	Jan. 1-31.....	7	.....	
Randolph County—				
Percy.....	Jan. 1-31.....	1	.....	
St. Clair County—				
Belleville.....	Dec. 4-20.....	3	.....	Present in January.
Mascoutah.....	Jan. 1-31.....	1	.....	
Millstadt.....	.....	1	.....	
Saline County—				
Eldorado.....	Jan. 1-31.....	1	.....	
Sangamon County—				
Pawnee.....	Jan. 1-31.....	2	.....	
Springfield.....	Mar. 20-Apr. 30....	17	.....	
Schuyler County—				
Browning.....	Oct. 12-Jan. 20....	75	.....	
Tazewell County.....	Jan. 1-31.....	.....	.....	Present in Elm Grove township.
Pekin.....	Jan. 1-31.....	28	.....	
Vermilion County—				
Danville.....	Jan. 11-Apr. 25....	51	.....	
Williamson County—				
Cartersville.....	Jan. 1-31.....	2	.....	
Johnston City.....	Jan. 1-31.....	1	.....	
Marion.....	Jan. 1-31.....	6	.....	
Total for State.....		748	1	
<b>Indiana:</b>				
Allen County.....	Dec. 1-31.....	1	.....	
Fort Wayne.....	Jan. 10-Apr. 17....	6	.....	
Bartholomew County.....	Dec. 1-31.....	1	.....	
Benton County.....	Nov. 1-Dec. 31....	4	.....	
Boone County.....	Nov. 1-Dec. 31....	2	.....	
Carroll County.....	Oct. 1-31.....	26	.....	
Clay County.....	Oct. 1-31.....	8	.....	
Dearborn County.....	Oct. 1-31.....	1	.....	
Delaware County.....	Dec. 1-31.....	52	.....	
Muncie.....	Mar. 27.....	1	.....	
Elkhart County.....	Oct. 1-Nov. 30....	7	.....	
Elkhart.....	Jan. 17-Mar. 6....	8	.....	
Franklin County.....	Dec. 1-31.....	1	.....	
Gibson County.....	Dec. 1-31.....	1	.....	
Grant County.....	Dec. 1-31.....	2	.....	
Union.....	Feb. 6.....	5	.....	
Hamilton County.....	Dec. 1-31.....	1	.....	
Harrison County.....	Dec. 1-31.....	1	.....	
Hendricks County.....	Nov. 1-Dec. 31....	5	.....	
Madison County.....	Oct. 1-31.....	1	.....	
Anderson.....	Dec. 1-31.....	1	.....	
Marion County.....	Dec. 1-31.....	1	.....	
Indianapolis.....	Jan. 18-Apr. 18....	7	.....	
Miami County.....	Dec. 1-31.....	1	.....	
Rush County.....	Dec. 1-31.....	24	.....	
Shelby County.....	Dec. 1-31.....	1	.....	
Spencer County.....	Dec. 1-31.....	1	.....	
St. Joseph County.....	Dec. 1-31.....	12	.....	
South Bend.....	Mar. 23-Apr. 24....	3	.....	
Sullivan County.....	Oct. 1-31.....	2	.....	
Tippecanoe County.....	Oct. 1-Dec. 31....	77	.....	
Lafayette.....	Dec. 15-Apr. 19....	63	1	
Tipton County.....	Nov. 1-Dec. 31....	2	.....	
Vanderburg County—				
Evansville.....	Jan. 10-Feb. 20....	10	.....	
Vigo County.....	Oct. 1-Dec. 31....	7	.....	
Wabash County.....	Nov. 1-Dec. 31....	4	.....	
Warren County.....	Dec. 1-31.....	7	.....	
Wayne County.....	Nov. 1-30.....	8	.....	
Total for State.....		365	1	
<b>Iowa, general.</b>				
Burlington.....	July 1-Sept. 30....	.....	2	
Cedar Rapids.....	Jan. 1-31.....	1	.....	
Council Bluffs.....	Mar. 1-31.....	13	.....	
Davenport.....	July 1-Apr. 12....	33	2	
Dubuque.....	Apr. 12-18.....	1	.....	
New Hampton.....	Oct. 1-Jan. 31....	87	1	
	Feb. 26.....	8	.....	
Total for State.....		143	5	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas:</b>				
Allen County.....	Jan. 1-31.....	6		
Atchison County—				
Atchison.....	Dec. 20-Jan. 16....	2		
Barton County.....	Nov. 1-30.....	7		
Bourbon County.....	Nov. 1-30.....	1		
Brown County.....	Nov. 1-Jan. 31....	50		
Cherokee County.....	Jan. 1-31.....	22		
Crawford County.....	Jan. 1-31.....	7		
Pittsburg.....	Nov. 1-Dec. 31....	107		
Decatur County.....	Jan. 1-31.....	1		
Ford County.....	Jan. 1-31.....	2		
Franklin County.....	Dec. 1-31.....	1		
Harvey County.....	Nov. 1-Dec. 31....	4		
Jackson County.....	Nov. 1-Dec. 31....	95		
Jefferson County.....	Dec. 1-Jan. 31....	15		
Jewell County.....	Dec. 1-31.....	2		
Labetta County—				
Parsons.....	Jan. 1-31.....	3		
Bane County.....	Jan. 1-31.....	4		
McPherson County.....	Jan. 1-31.....	1		
Marshall County.....	Jan. 1-31.....	1		
Montgomery County.....	Nov. 1-Jan. 31....	19		
Nemaha County.....	Dec. 1-31.....	2		
Phillips County.....	Dec. 1-Jan. 31....	5		
Pottawatomie County.....	Nov. 1-Dec. 31....	36		
Pratt County.....	Dec. 1-31.....	20		
Reno County.....	Nov. 1-Jan. 31....	4	1	
Riley County.....	Nov. 1-30.....	2		
Rooks County.....	Jan. 1-31.....	3		
Saline County.....	Nov. 1-Jan. 31....	48		
Sedgwick County—				
Wichita.....	Mar. 7-Apr. 24....	11		
Shawnee County.....	Nov. 1-Jan. 31....	27		
Topeka.....	June 7-Apr. 3.....	128		
Sheridan County.....	Dec. 1-Jan. 31....	11		
Stafford County.....	Dec. 1-31.....	1		
Sumner County.....	Nov. 1-Dec. 31....	8		
Thomas County.....	Jan. 1-31.....	2		
Wallace County.....	Jan. 1-31.....	2		
Waubesaunsee County.....	Jan. 1-31.....	3		
Wilson County.....	Nov. 1-30.....	5		
Wyandotte County—				
Kansas City.....	Jan. 3-Apr. 24....	55		
Total for State.....		723	1	
<b>Kentucky:</b>				
Anderson County.....	Oct. 1-Jan. 20....	200	1	Including Lawrenceburg.
Berea.....	Feb. 1-Apr. 2.....	20		
Covington.....	Dec. 29-Apr. 24....	34		
Fulton.....	Feb. 1-Mar. 22....	27		
Georgetown.....	Dec. 2-Mar. 4.....	31		
Henderson.....		7		Jan. 1-June 30, 1908.
Lexington.....	Dec. 28-Apr. 24....	43		
Newport.....	July 1-Apr. 24....	69	1	Jan. 1-June 30, 1908, 16 cases, 1 death.
Paducah.....	Jan. 24-Apr. 3.....	44		
Total for State.....		475	2	
<b>Louisiana:</b>				
Alexandria.....	Feb. 1-28.....	9		
Arcadia Parish.....	Dec. 20-Jan. 11....	30		Including Blenville, Liberty Hill, and Mount Lebanon.
New Orleans.....	Dec. 20-Apr. 24....	39		Mainly imported.
Shreveport.....	Jan. 1-20.....	32	1	
Winnfield.....	Jan. 1-Mar. 24....	33		And vicinity.
Total for State.....		143	1	
<b>Maine:</b>				
Cyr plantation.....	Oct. 16-24.....	11		
Frenchville.....	Nov. 11-Dec. 5.....	2		
Grand Isle (Grant Isle).....	Oct. 16-Dec. 12....	26		
St. Agatha.....	Oct. 24-Dec. 26....	9		
St. David.....	Dec. 13-19.....	1		
Upper Frenchville.....	Oct. 25-Nov. 11....	2		
Van Buren.....	Oct. 18-Feb. 6.....	94		
Total for State.....		145		



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Maryland.....	Mar. 18 to 21.....	10		House of Correction, Bridewell.
Baltimore.....	Jan. 30-Feb. 6.....	1		
Total for State.....		11		
Massachusetts:				
Boston.....	Mar. 14-20.....	2		
Haverhill.....	Mar. 14-20.....	1		
Lawrence.....	Mar. 7-13.....	1		
New Bedford.....	Jan. 30-Mar. 13.....	3	1	
Total for State.....		7	1	
Michigan:				
Barry County.....	Nov. 1-Dec. 31.....	5		
Cheboygan County.....	Dec. 1-31.....	4		
Delta County.....	Nov. 1-30.....	1		
Eaton County.....	Dec. 1-31.....	1		
Ingham County—				
Lansing.....	Nov. 1-Dec. 31.....	11		
Ionia County.....	Dec. 1-31.....	2		
Kalamazoo County.....	Dec. 1-31.....	3		
Kent County—				
Grand Rapids.....	Jan. 24-Apr. 24.....	3		
Lapeer County.....	Dec. 1-31.....	2		
Macomb County.....	Nov. 1-30.....	1		
Manistee County.....	Nov. 1-30.....	2		
Menominee County.....	Dec. 1-31.....	1		
Muskegon County.....	Nov. 1-Dec. 31.....	19		
Saginaw County—				
Saginaw.....	Jan. 16-Apr. 24.....	16		
St. Clair County.....	Nov. 1-Dec. 31.....	2		
Port Huron.....	Nov. 1-Dec. 5.....	3		
Wayne County—				
Detroit.....	Jan. 10-Mar. 27.....	7		
Wexford County.....	Dec. 1-31.....	2		
Total for State.....		85		
Minnesota:				
Becker County.....	Dec. 7-13.....	1		
Benton County.....	Oct. 26-Nov. 2.....	1		
Brown County.....	Oct. 30-Nov. 23.....	11		
Carver County.....	Dec. 7-13.....	6		
Cass County.....	Oct. 12-Dec. 7.....	1		
Chippewa County.....	Nov. 3-9.....	1		
Cottonwood County.....	Oct. 20-26.....	1		
Dodge County.....	Nov. 24-Dec. 7.....	2		
Faribault County.....	Dec. 7-13.....	1		
Hennepin County.....	Oct. 6-12.....	1		
Minneapolis.....	Nov. 1-Apr. 24.....	100		
Hubbard County.....	Oct. 19-Dec. 7.....	11		
Jackson County.....	Dec. 7-13.....	1		
Lac qui Parle County.....	Nov. 2-Dec. 13.....	3		
Lyon County.....	Nov. 16-Dec. 13.....	2		
Morrison County.....	Nov. 20-Dec. 13.....	20		
Nicolett County.....	Nov. 16-Dec. 13.....	3		
Norman County.....	Dec. 7-13.....	5		
Pipestone County.....	Dec. 7-13.....	6		
Ramsey County.....	Nov. 16-Dec. 7.....	2		
St. Paul.....	Nov. 1-Mar. 31.....	197		
Renville County.....	Dec. 1-7.....	1		
St. Louis County—				
Duluth.....	Nov. 9-Apr. 29.....	16		
Sibley County.....	Dec. 7-13.....	9		
Stearns County.....	Nov. 9-Dec. 7.....	4		
Steele County.....	Oct. 20-Dec. 7.....	4		
Stevens County.....	Nov. 9-Dec. 13.....	12		
Todd County.....	Nov. 9-Dec. 13.....	3		
Wabasha County.....	Nov. 2-Dec. 7.....	10		
Wadena County.....	Nov. 2-Dec. 13.....	15		
Saseka County.....	Oct. 26-Dec. 7.....	9		
Washington County.....	Nov. 24-31.....	1		
Stillwater.....	Dec. 1-31.....	3		
Winona County.....	Dec. 1-7.....	1		
Winona.....	Dec. 1-Feb. 28.....	8		
Yellow Medicine County.....	Oct. 20-26.....	1		
Total for State.....		472		
Mississippi:				
De Soto County.....	Nov. 1-Dec. 22.....	135		
Total for State.....		135		

Report for Oct. not yet received.

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks
<b>Missouri:</b>				
Kansas City.....	Jan. 24-Mar. 20....	12		
Kirksville.....	Nov. 1-Jan. 31....	96		
Liberty.....	Jan. 15-Mar. 11....	20		
Rich Hill.....	Dec. 5-31.....	4		
St. Joseph.....	Dec. 1-31.....	1		
St. Louis.....	Dec. 20-Apr. 24....	29		
Springfield.....	Nov. 1-Feb. 28....	3		
Total for State.....		165		
<b>Montana:</b>				
Beaverhead County.....	Feb. 1-28.....	2		
Carbon County.....	Feb. 1-28.....	1		
Cascade County.....	Nov. 1-Jan. 31....	6		
Chouteau County.....	Jan. 1-Feb. 28....	4		
Dawson County.....	Dec. 31-Jan. 31....	20		
Fergus County.....	Dec. 31-Feb. 28....	30		
Flathead County.....	Nov. 1-30.....	1		
Gallatin County.....	Nov. 1-Jan. 31....	19		
Bozeman.....	Nov. 1-Feb. 28....	19	1	
Granite County.....	Jan. 1-31.....	4		
Jefferson County.....	Nov. 1-30.....	4		
Madison County.....	Dec. 1-31.....	2		
Missoula County.....	Jan. 1-31.....	12		
Missoula.....	Jan. 1-Feb. 28....	5		
Park County.....	Jan. 1-31.....	6		
Powell County.....	Jan. 1-Feb. 28....	15		
Ravalli County.....	Nov. 1-Dec. 31....	14		
Sanders County.....	Jan. 1-Feb. 28....	11		
Silverbow County.....	Nov. 1-Feb. 28....	14		
Butte.....	Mar. 16-Apr. 20....	38		
Yellowstone County.....	Nov. 1-30.....	1		
Billings.....	Jan. 1-31.....	1		
Total for State.....		229	1	
<b>Nebraska:</b>				
Arlington.....	Jan. 25.....	1		
Lincoln.....	Nov. 1-Mar. 31....	22		
Polk.....	Mar. 20-Apr. 23....	14		
South Omaha.....	Dec. 20-Apr. 10....	14		And vicinity.
Total for State.....		51		
<b>New Hampshire:</b>				
Hinsdale.....	Nov. 1-Dec. 15....	6		
West Chesterfield.....	Nov. 1-Dec. 15....	1		
West Lebanon.....	Jan. 15-Feb. 7....	2		
Westmoreland.....	Nov. 1-Dec. 15....	1		
Total for State.....		10		
<b>New Jersey:</b>				
Camden.....	Feb. 21-Apr. 24....	14		
Haddonfield.....	Mar. 26-27.....	2		
Hightstown.....	Mar. 3.....	1		
Lodi.....	Apr. 15.....	1		
New Brunswick.....	Mar. 7-Apr. 5.....	7		
Paterson.....	Mar. 16-Apr. 2.....	8		
Perth Amboy.....	Mar. 4-31.....	26		
Plainfield.....	Mar. 7-Apr. 10....	6		
Trenton.....	Apr. 25-May 1.....	2		
Woodbridge.....	Mar. 6-26.....	1		
Total for State.....		68		
<b>New York, general.....</b>				
	Nov. 1-Feb. 28....	201	1	Including Amsterdam, Bridgeport, Broome, Cicero, Gardner, and Middleburg.
Buffalo.....	Feb. 14-Mar. 20....	4		
Little Falls.....	Apr. 10-24.....	2		
Mohawk Valley.....			1	Year 1908.
New York.....	Feb. 21-Apr. 3.....	6	1	
Niagara Falls.....	Feb. 7-13.....	1		
Rome.....	Jan. 1-31.....	1		
Schenectady.....	Feb. 7-13.....	1		
Syracuse.....	Jan. 9-31.....	3		
Total for State.....		219	3	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Ashe County.....	Jan. 1-31.....	7	.....	
Bertie County.....	Nov. 1-30.....	1	.....	
Camden County.....	Jan. 1-31.....	30	.....	
Catawba County.....	Nov. 1-Dec. 31.....	4	.....	
Currituck County.....	Nov. 1-Jan. 31.....	34	.....	
Duplin County.....	Dec. 1-Jan. 31.....	60	.....	
Edgecombe County.....	Dec. 1-31.....	1	.....	
Johnston County.....	Nov. 1-Jan. 31.....	13	.....	
Jones County.....	Jan. 1-31.....	3	.....	
Lenoir County.....	Dec. 1-31.....	20	.....	
Lincoln County.....	Dec. 1-31.....	1	.....	
Madison County.....	Jan. 1-31.....	2	.....	
Nash County.....	Jan. 1-31.....	1	.....	
New Hanover County— Wilmington.....	Jan. 22-Mar. 1.....	4	.....	Imported.
Pasquotank County.....	Nov. 1-Jan. 31.....	79	.....	
Pitt County.....	Jan. 1-31.....	2	.....	
Sampson County.....	Jan. 1-31.....	22	.....	
Scotland County.....	Jan. 1-31.....	6	.....	
Wayne County.....	Jan. 1-31.....	20	.....	
Total for State.....		310	.....	
<b>North Dakota:</b>				
Ward County.....	July 1-Feb. 19.....	168	.....	
Sherwood.....	Jan. 12-Mar. 31.....	27	.....	
	Jan. 12-Mar. 31.....	46	.....	
Total for State.....		241	.....	
<b>Ohio, general:</b>				
Ashtabula.....	June 14-Jan. 2.....	337	.....	
Cincinnati.....	Apr. 11-May 1.....	9	.....	
Cleveland.....	Dec. 12-Apr. 30.....	232	1	
Columbus.....	Feb. 28-Apr. 30.....	6	.....	
	Dec. 26-Apr. 24.....	16	.....	Revised. 3 cases additional in Sept. and Oct.
Conneaut.....	Mar. 1-Apr. 29.....	3	.....	
Dayton.....	Jan. 24-Feb. 20.....	5	.....	
Newark.....		3	.....	Year 1908.
Tiffin.....	Jan. 3-23.....	2	.....	
Total for State.....		613	1	
<b>Oregon:</b>				
Clackamas County.....	Sept. 1-30.....	1	.....	
Harney County.....	Sept. 1-30.....	1	.....	
Jackson County.....	Oct. 1-Dec. 31.....	9	.....	
Lane County.....	Dec. 1-31.....	10	.....	
Linn County.....	Sept. 1-Oct. 31.....	5	.....	
Marion County.....	Sept. 1-Dec. 31.....	4	.....	
Multnomah County.....	Dec. 1-31.....	5	.....	
Portland.....	Nov. 1-Feb. 28.....	91	.....	
Polk County.....	Sept. 1-Dec. 31.....	9	.....	
Tillamook County.....	Oct. 1-31.....	1	.....	
Umatilla County.....	Sept. 1-Dec. 31.....	6	.....	
Wallowa County.....	Oct. 1-31.....	1	.....	
Washington County.....	Oct. 1-Dec. 31.....	23	.....	
Yamhill County.....	Sept. 1-Dec. 31.....	17	.....	
Total for State.....		183	.....	
<b>Pennsylvania:</b>				
Gracedale.....	Oct. 24.....	1	.....	
Harrisburg.....	Dec. 18-Jan. 20.....	3	.....	
New Castle.....	Feb. 1-28.....	2	.....	
New Kingstown.....	Dec. 29.....	.....	.....	Present.
Philadelphia.....	Dec. 10-25.....	1	.....	
Pittsburg.....	Dec. 13-19.....	1	.....	Imported.
Prompton.....	Jan. 2-Feb. 10.....	3	.....	
Total for State.....		11	.....	
<b>South Carolina:</b>				
Winnsboro.....	Feb. 1-28.....	5	.....	
Yorkville.....	Mar. 10-Apr. 26.....	14	8	And vicinity.
Total for State.....		19	8	
<b>South Dakota:</b>				
Aberdeen.....	May 1-Jan. 31.....	43	.....	
Total for State.....		43	.....	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Tennessee:</b>				
Fayette County.....	Dec. 1-Mar. 28.....	200	.....	Including Greenville.
Greene County.....	Jan. 2.....	103	.....	
Knoxville.....	Dec. 28-Apr. 24.....	25	.....	
Memphis.....	Jan. 1-Mar. 13.....	190	1	
Murfreesboro.....	Mar. 15-31.....	1	.....	
Nashville.....	Dec. 20-Apr. 24.....	45	.....	
Polk County.....	Jan. 22.....	30	.....	
Total for State.....		594	1	
<b>Texas:</b>				
Corpus Christi.....	Apr. 2.....	.....	.....	Present.
Cost.....	Oct. 1-Dec. 19.....	.....	.....	Do.
Cotulla.....	Jan. 25-Feb. 17.....	.....	.....	Do.
Denton County.....	Jan. 1-Feb. 8.....	9	.....	Including Justin and Roanoke.
El Paso.....	Feb. 10-Mar. 16.....	8	1	
Falfurrias.....	Dec. 26.....	12	.....	
Fort Worth.....		256	.....	Year 1908.
Do.....	Feb. 1-Mar. 31.....	13	.....	
Galveston.....	Mar. 6-Apr. 16.....	8	.....	
Goliad County.....	Dec. 1-Jan. 20.....	25	.....	
Houston.....	Jan. 1-Mar. 27.....	9	.....	
Laredo.....	Dec. 26-Mar. 19.....	6	.....	
Monthalia.....	Oct. 1-Dec. 19.....	.....	.....	Present.
Oak Forest.....	Oct. 1-Dec. 19.....	.....	.....	Do.
San Antonio.....	Dec. 13-Apr. 24.....	90	.....	Do.
San Augustine County.....	Jan. 5.....	.....	.....	
Total for State.....		436	1	
<b>Utah:</b>				
Beaver County.....	Feb. 1-28.....	2	.....	
Carbon County.....	Feb. 1-28.....	1	.....	
Cache County.....	Jan. 1-Feb. 28.....	62	.....	
Davis County.....	Nov. 1-Feb. 28.....	32	.....	
Emery County.....	Feb. 1-28.....	4	.....	
Garfield County.....	Dec. 1-Feb. 28.....	26	.....	
Millard County.....	Jan. 1-31.....	1	.....	
Salt Lake County.....	Dec. 1-Feb. 28.....	162	.....	
Salt Lake City.....	Dec. 1-Mar. 31.....	334	1	
Sanpete County.....	Dec. 1-31.....	1	.....	
Sevier County.....	Jan. 1-Feb. 28.....	76	.....	
Summit County.....	Dec. 1-Feb. 28.....	32	.....	
Utah County.....	Dec. 1-31.....	1	.....	
Weber County.....	Nov. 1-Feb. 28.....	6	.....	
Total for State.....		740	1	
<b>Vermont:</b>				
Brattleboro.....	Dec. 5-Jan. 30.....	59	.....	And vicinity.
Newfane.....	Jan. 11.....	8	.....	
West Windsor Township.....	Jan. 23.....	2	.....	
White River Junction.....	Jan. 4-Feb. 9.....	3	.....	
Total for State.....		72	.....	
<b>Virginia:</b>				
Caroline County.....	Mar. 9.....	1	.....	Present in October, 1908.
Lithia.....	Mar. 1-Apr. 28.....	100	.....	And vicinity.
Lynchburg.....	Jan. 10-30.....	3	.....	Imported.
Norfolk.....	Feb. 5-17.....	3	.....	On tug E. W. Marts.
Port Royal.....	Dec. 28-Jan. 14.....	3	.....	
Portsmouth.....	Apr. 21-27.....	1	.....	
Richmond.....	Mar. 14-Apr. 10.....	2	1	Death in county hospital.
Total for State.....		113	1	
<b>Washington:</b>				
Bellingham.....	Jan. 25-Mar. 23.....	10	.....	
Camas.....	Dec. 29-Mar. 8.....	18	.....	
Seattle.....	Oct. 1-Mar. 31.....	22	.....	
Spokane.....	Dec. 6-Apr. 17.....	21	1	
Tacoma.....	Dec. 14-Apr. 4.....	69	.....	
Total for State.....		140	1	
<b>West Virginia:</b>				
Charleston.....	Jan. 1-31.....	1	.....	Present in January.
Moundsville.....		.....	.....	
St. Albans.....	Feb. 16-Apr. 12.....	19	.....	
Weston.....	Jan. 15-Feb. 13.....	1	.....	
Total for State.....		21	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Wisconsin:</b>				
Adams County.....	July 1-Sept. 30....	3		
Barron County.....	July 1-Sept. 30....	1		
Chippewa County.....	July 1-Sept. 30....	6		
Dane County.....	July 1-Sept. 30....	1		
Dodge County.....	July 1-Sept. 30....	1		
Douglas County.....	July 1-Sept. 30....	28		
Dunn County.....	July 1-Sept. 30....	1		
Fond du Lac County.....	July 1-Sept. 30....	3		
Green County.....	July 1-Sept. 30....	2		
Iron County.....	July 1-Sept. 30....	2		
Kewaunee County.....	July 1-Sept. 30....	1		
La Crosse County— La Crosse.....	Dec. 13-Apr. 24....	48		
Manitowoc County— Manitowoc.....	Dec. 13-Feb. 27....	14		
Marathon County.....	July 1-Sept. 30....	2		
Milwaukee County— Milwaukee.....	Dec. 6-Apr. 24....	181		
Monroe County.....	July 1-Sept. 30....	12		
Outagamie County— Appleton.....	Mar. 6-Apr. 17....	3		
Ozaukee County.....	July 1-Sept. 30....	3		
Pierce County.....	July 1-Sept. 30....	4		
Polk County.....	July 1-Sept. 30....	1		
Racine County— Racine.....	Mar. 21-Apr. 10....	6		
Rusk County.....	July 1-Sept. 30....	3		
Sheboygan County.....	July 1-Sept. 30....	32		
Total for State.....		368		
Grand total for the United States.....		8,695	37	

*Weekly morbidity and mortality table, cities of the United States.*

[For smallpox, see special table.]

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Apr. 24	38,973	11					1		2					
Ann Arbor, Mich.	do.	14,509	7			1	1					2		5	
Auburn, N. Y.	Apr. 10	30,345	12	2	2					2					
Do	Apr. 17	30,345	13	1											
Baltimore, Md.	Apr. 24	508,957	213	17	37	10	2	6		7	2	166	4	4	1
Bath, Me.	do.	10,477						2	1			1			
Bayonne, N. J.	do.	32,722						3		3		6			
Beaver Falls, Pa.	do.	13,000		5											
Berkeley, Cal.	Apr. 17	13,214	4					3		1		2			
Biddeford, Me.	Apr. 24	16,145	10												
Biloxi, Miss.	do.	5,467	2			1									
Binghamton, N. Y.	do.	38,647	15		5										
Boston, Mass.	do.	560,892	226	50	26	6	1	45	2	34	2	80	5	5	2
Braddock, Pa.	do.	15,654	7			4				1					
Bradford, Pa.	do.	15,029	9		1			4							
Bridgeport, Conn.	Apr. 22	70,996	19	6	3	2		7	1	2		10	1		
Bristol, R. I.	Apr. 24	6,901	3												
Brockton, Mass.	do.	40,063	7		1	1		1	1	1		79			
Butler, Pa.	Mar. 7	10,853	4												
Do	Mar. 14	10,853	8		2			1							
Do	Mar. 21	10,853	7		2			1							
Do	Mar. 31	10,853	5		1			2							
Butte, Mont.	Apr. 20	30,470	14		1			12		3					1
Cambridge, Mass.	Apr. 24	91,886	28	13	6	1		14		5		21			
Camden, N. J.	do.	75,935	35			1		11		4					
Camden, S. C.	do.	2,441	8		1							7			

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Cases and deaths.											
				Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Carbondale, Pa.	Apr. 24	13,536	5					1	1						
Charlotte, N. C.	Apr. 23	18,091	8									15			2
Chelsea, Mass.	Apr. 24	34,072	16	1	1	1		2		2					
Chicago, Ill.	do.	1,688,575	630	105	83	29		145	8	91	11	347	6	16	3
Chicopee, Mass.	do.	19,167	5	3								2		3	
Cincinnati, Ohio.	Apr. 23	325,902	131	24	16	1	1	13				22		2	
Cleveland, Ohio.	do.	381,768	123	18	10	4	1	11	3	16		56	1	23	1
Clinton, Mass.	Apr. 24	13,667	9							1	1				
Columbus, Ohio.	do.	125,500	45	9	7	2		3		4		37		5	
Concord, N. H.	Apr. 17	19,632	11	1	1			1				161			
Covington, Ky.	Apr. 24	42,938	17	1				1							
Danville, Ill.	Apr. 25	16,534	7					1							
Davenport, Iowa.	do.	35,254	1	1						2					
Dayton, Ohio.	Apr. 24	85,333	32	1	4							14			
Detroit, Mich.	do.	285,704	134					11		10	3				
Dunkirk, N. Y.	do.	11,616	5	1	1			1		1	1				
Duluth, Minn.	Apr. 22	80,000	22	1	2	2		11		14	1	12			
Elmira, N. Y.	Apr. 24	35,672	23	1	1	1		2		1		7			
El Paso, Tex.	Apr. 27	15,905	26		4	1		2				6			
Elkhart, Ind.	Apr. 24	15,184	3							1		1			
Erie, Pa.	do.	52,733	25	7	3	1		3		1		75		18	2
Evansville, Ind.	do.	59,007	19	1	1					2					
Everett, Mass.	do.	24,336	7	1				4		2		1			
Fall River, Mass.	do.	104,863	35	3	1			4	1	2	1	6			
Findlay, Ohio.	Apr. 17	17,613	4												
Do.	Apr. 24	17,613	3												
Galesburg, Ill.	do.	18,607	9							1					
Galveston, Tex.	Apr. 23	37,789	9	1	1	1				2					
Glens Falls, N. Y.	Apr. 24	13,543	3	2	1			1				27			
Gloucester, Mass.	do.	26,121	4												
Grand Rapids, Mich.	do.	87,565	31	2	2			10		3		10			
Great Falls, Mont.	do.	14,930	10			1		9	1	5	2				
Greensboro, N. C.	do.	10,035	5		1										
Hammond, Ind.	do.	12,376	6		1	1		2				10			
Harrison, N. J.	do.	10,596	1					1		2					
Hartford, Conn.	Apr. 18	79,850	48	6	8		1	4		3		1		1	
Haverhill, Mass.	Apr. 24	37,175	11					1		8					
Hoboken, N. J.	do.	59,364						1		4		1			
Homestead, Pa.	Apr. 21	12,554	10	1				1		1		8			
Do.	Apr. 28	12,554	5	1						1		4			
Hyde Park, Mass.	Apr. 24	13,244	4					2							
Indianapolis, Ind.	Apr. 25	169,164	53	4	6	1	1	4		2		61			
Jacksonville, Fla.	Apr. 24	28,429	13	1	5	2		1		1					
Jersey City, N. J.	Mar. 21	206,433	84	3	14		1	21	3	12	5	25		8	1
Do.	Apr. 4	206,433	85	2	10			32		11		14		3	
Do.	Apr. 11	206,433	109	1	11	1		38	2	9	5	23	1	3	1
Do.	Apr. 18	206,433	101		5			51	2	10	4	39		5	1
Do.	Apr. 25	206,433	105	1	16	1	1	19	4	7	3	12		5	2
Johnstown, Pa.	Apr. 24	35,936	12					10	1	2		19			
Kansas City, Kans.	do.	51,418	22	2	2	1	1			3		15		1	
Kearney, N. J.	do.	10,896	2	1	1			4							
Kingston, N. Y.	do.	24,535	9		1										
Knoxville, Tenn.	do.	32,637	21	2	2	1	1					7	1	2	
La Crosse, Wis.	do.	28,895	7												
La Fayette, Ind.	Apr. 26	18,116	14				1					1			
Lancaster, Pa.	Apr. 24	41,459	12					2		1		2			
Lawrence, Mass.	do.	62,559	36	5	3	2						39	1		
Lexington, Ky.	do.	26,369			1					1				1	
Little Falls, N. Y.	Apr. 10	10,381	1	3				4		2					
Do.	Apr. 17	10,381	5	3				2		1					
Do.	Apr. 24	10,381	5	3	1			6							
Los Angeles, Cal.	Apr. 21	102,479	76	18	15	4		22	1	6		2			
Lowell, Mass.	Apr. 24	94,969	30	3	3		2	2	1	1		8			1
Lynchburg, Va.	do.	18,891													
Lynn, Mass.	do.	68,513	21					3		3		18		1	
Macon, Ga.	Apr. 25	22,746	4		3							1			
Malden, Mass.	Apr. 24	33,664	11	1	3			4		3		1		3	
Manchester, N. H.	do.	56,987	29	2	2	1	1			3	1				
Manitowoc, Wis.	do.	11,786	8	1	1			1							
Marinette, Wis.	do.	16,195	4												
Marlboro, Mass.	Apr. 17	13,609	3			1						1			



Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census. 1900.	Total deaths from all causes.	Cases and deaths.												
				Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.		
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Massillon, Ohio.....	Apr. 24	11,944	3					2								2
Melrose, Mass.....	do.	12,962	5					1						1		
Medford, Mass.....	do.	18,244	7													
Milwaukee, Wis.....	do.	285,315	97	17		12	2	32	1	14	4	50	1	3		
Minneapolis, Minn.....	Apr. 17	202,718	68	16	6	7	2	17	2	33	2					
Do.....	Apr. 24	202,718	56	9	9	3	1	11	1	23						
Mobile, Ala.....	do.	38,469	20		4											
Montclair, N. J.....	do.	13,962	2	5				1				5			7	
Montgomery, Ala.....	Apr. 23	30,346	17		1											
Moline, Ill.....	Apr. 25	17,248	7				1	4				10				
Mount Vernon, N.Y.....	Apr. 24	21,228	6					2		1		9				
Muncie, Ind.....	do.	20,942	4	1											1	
Nanticoke, Pa.....	Apr. 25	12,616	4					1				7				
Nashville, Tenn.....	Apr. 24	80,865	34	1	5					1						
Nebraska City, Nebr.....	do.	7,200	2													
Newark, N. J.....	do.	246,070	110		20	2		46	3	14	1					
New Bedford, Mass.....	do.	63,442	30	3	5			5				2				
Newburyport, Mass.....	do.	14,478	3												1	
New London, Conn.....	do.	17,548	2	1	1											
New Orleans, La.....	do.	278,104	103	19	18	5		109		5	1	2				
Newport, Ky.....	Apr. 17	28,301	10		3											
Do.....	Apr. 24	28,301	10		1	1	2	4								
Newton, Mass.....	do.	33,587	10	1	2	1				3		36				
New York, N. Y.....	do.	3,437,202	1,594	578	211	26	4	297	17	319	44	1274	47	84		4
Niagara Falls, N.Y.....	do.	19,457	9			1		5		1	1	1				
Norristown, Pa.....	do.	22,265	8									23		2		
North Adams, Mass.....	do.	24,200	6		2			4								
Northampton, Mass.....	do.	18,643	9	1	1			1				20				
Oakland, Cal.....	Apr. 19	66,960	24		1	1		5				16				
Orange, N. J.....	Apr. 24	24,141	7	3	1			1		2						
Paducah, Ky.....	do.	19,446	5													
Palmer, Mass.....	Apr. 17	7,801	2					1				1				
Do.....	Apr. 24	7,801										1				
Passaic, N. J.....	Apr. 23	27,777	13					2		1		15		3		
Peekskill, N. Y.....	Apr. 24	10,358	5	1				1		1		1				
Pittsburg, Pa.....	do.	321,616	141	70	7	12		16		12	1	19	1	39		4
Pittsfield, Mass.....	do.	21,766	8													
Plainfield, N. J.....	do.	15,369		2	2	1		1		1						
Plymouth, Pa.....	do.	13,649														
Portsmouth, N. H.....	do.	10,637			1							1				
Portsmouth, Va.....	Apr. 27	17,427	10					3		1		1				
Pottstown, Pa.....	Apr. 24	13,696	2													
Providence, R. I.....	do.	175,597	71	18	7	2		6		4	1	2				2
Racine, Wis.....	do.	29,102	9		2		1									
Reading, Pa.....	Apr. 26	78,961	26	1		3	1	4		3				3		
Richmond, Va.....	Apr. 24	85,050	46	9	6	2										
Rockford, Ill.....	do.	31,051						4								
Rock Island, Ill.....	Apr. 17	19,493	10		1											
Sacramento, Cal.....	do.	29,282	21		2					3		1				
Do.....	Apr. 24	29,282	14	1	4	1				2					2	
Saginaw, Mich.....	Apr. 17	42,345	18	2	2					1						
Do.....	Apr. 24	42,345	15	1	1							1				
St. Louis, Mo.....	do.	575,238	199	43	21	2		18	2	31	2	477	5	3		
Salem, Mass.....	do.	35,956		4	1			6		1		1				
San Antonio, Tex.....	do.	53,321				1										
Sandusky, Ohio.....	Apr. 3	19,664												3		
Do.....	Apr. 10	19,664	3		1	2		1		1		4				
Do.....	Apr. 17	19,664	7									4				
Do.....	Apr. 24	19,664	8		1	2		1		1		2				
San Francisco, Cal.....	Apr. 17	342,782	130	38	18			12		18	2	59		15		1
San Jose, Cal.....	do.	21,500	7		1											
Schenectady, N. Y.....	do.	31,682	10	3	3			3				7				
Do.....	Apr. 24	31,682	16	5	1			3	2	1		2				
Shamokin, Pa.....	do.	18,202	4	2								29	1			
Somerville, Mass.....	do.	61,643	19	4				5	1	7		17		3		
South Bend, Ind.....	do.	35,999	15	3	3			2		4						
South Bethlehem, Pa.....	do.	13,241	9		1	2		3				6		1		
Spokane, Wash.....	Apr. 17	38,848	34		1			37	1	7	2	52				
Springfield, Ill.....	Apr. 23	34,159	19					1								
Springfield, Mass.....	Apr. 24	62,059	25	3				1		3		5		4		
Springfield, Ohio.....	do.	38,253	10	1	1							2				

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Cases and deaths.												
				Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.		
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Steelton, Pa.....	Apr. 24	12,068	3	1				2		3						
Superior, Wis.....	do.....	31,091	9			3		9	2							
Tacoma, Wash.....	Mar. 21	37,714	14		2			7	1	3						
Do.....	Mar. 28	37,714	24		4			6		1						
Do.....	Apr. 4	37,714	18					5		2						
Do.....	Apr. 11	37,714	18		3			4		2	1					
Do.....	Apr. 18	37,714	20					4		1	1					
Do.....	Apr. 25	37,714	18	1	1			6	1	2		1				
Taunton, Mass.....	Apr. 24	31,036	14	2	3			4			1	1		2		
Titusville, Pa.....	do.....	8,244	1													
Trenton, N. J.....	do.....	73,307		7	4	3		1		1						
Walla Walla, Wash.....	do.....	10,049	2			1		1								
Washington, D. C.....	do.....	278,718	116	24	14	14	3	13		6	1	159	4	14		
Waltham, Mass.....	do.....	23,481	7	3	2			1				18				
Weymouth, Mass.....	do.....	11,324	1					1				1				
Wheeling, W. Va.....	Apr. 17	38,878	10	5	1	1						16				
Do.....	Apr. 24	38,878	16	5	2	1	1			3	1	10				
Wichita, Kans.....	do.....	24,671						2				50				
Wilkes-Barre, Pa.....	Apr. 23	51,721	21	2				6		4		186		4		
Williamsport, Pa.....	Apr. 24	28,757	8		1	1		1								
Wilmington, Del.....	do.....	76,508	21		3											
Winona, Minn.....	Apr. 27	19,714	8													
Woburn, Mass.....	Apr. 24	14,254	5		2			1								
Worcester, Mass.....	Apr. 17	118,421	54	6	2	1		8		5		6		1		
Do.....	Apr. 24	118,421	33	6	3	2		2		7		3				
Yonkers, N. Y.....	Apr. 22	47,931	28	4	5			18		2	1	19				
Do.....	Apr. 29	47,931	29	9	4			11	1	1		10				
York, Pa.....	Apr. 24	33,708		29				3		1						
Zanesville, Ohio.....	do.....	23,538	6		3	9	2	3		1						



## FOREIGN AND INSULAR.

---

### BARBADOS.

#### *Report from Bridgetown—Inspection of vessels—Status of yellow fever.*

Acting Assistant Surgeon Urquhart reports, April 17:

Week ended April 17. Bills of health were issued to 8 vessels. Four vessels were fumigated. Total number of passengers 58; total members of crews, 424.

One new case of yellow fever, with 1 death, was reported during the week. The case was in the interior, 12 or 14 miles distant. The patient was colored.

### CHINA.

#### *Report from Amoy—Inspection of vessels—Examination of emigrants—Leprosy and smallpox.*

Passed Assistant Surgeon Foster reports, March 22:

Week ended March 20. Bill of health issued to the steamship *Taisang*, with 68 in the crew and 13 cabin and 201 steerage passengers for Manila. All the passengers were vaccinated and inspected prior to sailing. One steerage passenger was rejected for trachoma.

Leprosy and smallpox are present in Amoy.

#### *Report from Canton—Plague.*

Consul Bergholz reports, March 16 and 22:

Plague is present in the Tartar quarter of the city and in the district along the river front, with a total of 35 reported cases and 30 deaths during the weeks ended March 13 and 20.

#### *Report from Hongkong—Quarantine restrictions—Plague and smallpox—Examination of emigrants—Inspection of vessels.*

Acting Assistant Surgeon Hough reports, March 23:

Week ended March 13. Restrictions enforced by Hongkong remain as reported January 30.

Restrictions enforced against Hongkong remain as reported January 30.

Quarantinable diseases: Plague, 4 cases, 1 death; smallpox, 3 cases, 3 deaths.

Aliens for Honolulu and Pacific coast ports: Examined, 9; rejected, 2.

Aliens for Philippine Islands: Examined, 22; rejected, 15.

Vessels inspected and granted bills of health, 5.

Week ended March 20. Restrictions enforced against Hongkong are as follows:

Place or port.	Nature of measures.
Burma.....	Hongkong declared an infected port.
Dutch Indies.....	Hongkong declared an infected port. Importation is temporarily prohibited of animal refuse, claws and hoofs, animal or human hair and bristles, untanned hides salted or cured with arsenic, raw wool, and rags, bags, or sacks which have already been used, coming from or transhipped at Hongkong; also tapestry and used embroideries, unless they are transported as personal baggage or in consequence of change of residence.
Bengal.....	Hongkong declared an infected port.

  

Disease.	Port or place.	Restrictions enforced.
Smallpox.....	Bangkok.....	Medical examination; quarantine at the discretion of the health officer.

Quarantinable diseases: Plague, 1 case, 5 deaths; smallpox, 2 cases, 1 death.

Aliens for Honolulu and Pacific coast ports: Examined, 115; rejected, 37.

Aliens for Philippine Islands: Examined, 7; rejected, 6.

Vessels inspected and granted bills of health, 10.

*Report from Shanghai—Inspection of vessels—Examination and disinfection of emigrants—Municipal house cleaning—Plague-infected rats.*

Acting Assistant Surgeon Ransom reports, March 23:

Week ended March 20. One original and 2 supplemental bills of health were granted to 3 steamships, having an aggregate personnel of 460. There were inspected 2 vessels, 143 members of crews, and 2 steerage passengers. The living quarters of 1 vessel were rendered mechanically clean, and the native crew, numbering 42, were bathed and disinfected. Manifests were viséed for 2,355 pieces of freight. One intending emigrant for San Francisco per steamship *Asia* was recommended to wait on account of suspicious eye trouble, and 1 emigrant for Honolulu per steamship *Asia* was examined and passed.

The weekly report of the municipal health officer shows among foreigners 1 new case of smallpox.

There were no developments of special sanitary interest during the week. The plague situation seems about the same as at the time of last report, but a favorable feature is that the whole community is cooperating as far as possible with the health authorities in their efforts to effect general municipal house cleaning. Plague-infected rats continue to be found in all sections of the settlement.

Reports from Tientsin and Hankau to March 6 and 13, respectively, show no quarantinable diseases present.

## CUBA.

*Report from Cienfuegos—Inspection of vessels.*

Acting Assistant Surgeon Suarez reports, April 19:

*Week ended April 17.*

Vessels inspected.....	5
Bills of health issued.....	5
Members of crews inspected.....	109

*Report from Habana—Inspection and fumigation of vessels.*

Passed Assistant Surgeon Amessee reports, April 26:

*Week ended April 24.*

Bills of health issued.....	25
Vessels inspected.....	22
Members of crews of outgoing vessels inspected.....	1,010
Passengers of outgoing vessels inspected.....	566

The sanitary department advises that the entire island is free of quarantinable diseases.

*Report from Matanzas—Inspection of vessels—Epidemic measles—Scarlet fever—Leprosy.*

Acting Assistant Surgeon Nuñez reports, April 26:

Week ended April 24. Bills of health issued to 6 vessels leaving for United States ports.

The local epidemic of measles is on the increase, although no deaths from the disease have been reported. Scarlet fever has again made its appearance in the city district known as Pueblo Nuevo. Proper sanitary measures are reported as being taken to prevent the spread of these diseases.

With the exception of 1 death from leprosy, no quarantinable diseases were reported for the 10 days ended April 20.

*Report from Santiago—Inspection of vessels—Leprosy.*

Acting Assistant Surgeon Wilson reports, April 21:

Week ended April 17. Bills of health issued to 7 vessels bound for the United States and its dependencies.

The United States gunboat *Dubuque*, going to the Guantanamo Naval Station via the Target Range was given bill of health, by request.

No new case of quarantinable disease has been reported. The 3 cases of leprosy previously reported are still under treatment. (See Public Health Reports, April 16, 1909, page 497.)

## GERMANY.

*Report from Berlin—Status of cholera in Russia.*

The following is received from Consul-General Thackara, under date of April 5:

According to official statistics just published, there was registered in the whole of the Russian Empire during the week ended March 13 a total of 31 cholera cases, with 19 deaths.

Week ended March 20. Forty-five cases of cholera with 8 deaths.

## GUATEMALA.

*Report from Puerto Barrios, fruit port.*

Acting Assistant Surgeon Ames reports as follows:

Week ended April 17, 1909. Present officially estimated population, 250. General sanitary condition of this port and the surrounding country during the week, very good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Apr. 14	Belize .....	Mobile.....	18	.....	5	.....
15	H. T. Inge.....	New Orleans.....	33	21	5	.....

Temperature taken of all persons on above-named vessels day of sailing.

## HAWAII.

*Report from Honolulu—Examination of rats for plague infection.*

Passed Assistant Surgeon Currie, in temporary charge, reports, April 12:

*Week ended April 10.*

Total rats taken .....	653
Trapped .....	602
Shot from trees.....	50
Found dead (mus musculus).....	1
Examined bacteriologically.....	558
Plague infected.....	0
Classification of rats trapped:	
Mus alexandrinus.....	108
Mus musculus.....	223
Mus norvegicus.....	173
Mus rattus.....	98
Classification of rats shot from trees:	
Mus alexandrinus.....	29
Mus rattus.....	11
Average number of traps set daily.....	1,410
Rat killed by sulphur dioxid.....	1
Classification of rat killed by sulphur dioxid:	
Mus alexandrinus.....	1

## HONDURAS.

*Report from Ceiba, fruit port—Stegomyia calopus present—Sanitary conditions.*

Acting Assistant Surgeon Jumel reports:

Week ended April 21. Present officially estimated population, 6,800. General sanitary condition of this port and the surrounding country during the week, good.

Local sanitary conditions improved considerably by heavy rain-fall. *Stegomyia calopus* present. Very little work along sanitary lines is now in progress.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Apr. 14	Union.....	6	0	0	0
16	Rosina.....	31	2	0	0
17	Viator.....	16	0	0	0
21	Orleanian.....	32	4	0	0

Temperature of all persons on above-named vessels taken at time of clearance.

*Report from Puerto Cortez, fruit port.*

Acting Assistant Surgeon Wailes reports:

Week ended April 21. Present officially estimated population, about 2,500. General sanitary condition of this port and the surrounding country, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Apr. 16	Kong Frode.....	18	2	.....	.....
17	Marietta.....	19	2	.....	.....
20	Fjell.....	16	6	.....	.....
21	Mercator.....	18	.....	.....	.....
21	Origen.....	27	.....	.....	.....

*Report from Tela, fruit port.*

Acting Assistant Surgeon Roe reports:

April 17. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 12	Kong Fjord.....	New Orleans.....	18	2	0
13	John Wilson.....	do.....	17	0	0
14	Emma Grace.....	Tampa.....	5	0	0
16	Viator.....	New Orleans.....	16	0	0

## INDIA.

*Report from Calcutta—Care of lepers in India.*

The following is received from Consul-General Michael, under date of March 25:

According to the latest estimate there are about 400,000 lepers in India. This estimate does not include those tainted with leprosy, but covers only those who have developed the disease sufficiently to be easily recognized as confirmed lepers. There are several institutions in India for the treatment and care of this class of unfortunates, but the larger number of them are outside of any asylum or mission maintained for their benefit. The Scottish Rite Mission for Lepers in India and the East has been laboring among lepers for 35 years and has 76 places where lepers are given a home and free treatment. This mission has recently built a new lazaretto at Khondwa, near Poona, where the headquarters of the mission is located. Other missions are engaged in the same work, and the results indicate that great good has been and is being accomplished.

## JAPAN.

*Report from Yokohama—Examination of emigrants.*

Passed Assistant Surgeon Cumming reports:

Number of emigrants per steamship *Mongolia* for Honolulu April 7: Recommended for rejection 2; held for observation 2. For San Francisco, held for observation 1.

Rejections and detentions were for trachoma.

*Report from Formosa—Plague.*

Consul Deichman reports, March 27:

Plague is present in the prefectures of Kagi, Yensuiko, and Tainan in the southern part of the island of Formosa.

*Report from Kobe—Inspection of vessels—Examination and disinfection of emigrants—Plague.*

Acting Assistant Surgeon Knight reports, March 30:

Week ended March 27. Supplemental bills of health granted to 3 steamships.

There were inspected 32 members of crews and 102 steerage passengers. Twenty-five steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 64 and bedding 50. Manifests were viséed for 29,296 pieces of freight, amounting to 2,511 tons.

Emigrants were examined as follows: Steamship *Asia* for Honolulu, passed 12, recommended for rejection 9; steamship *Asia* for San Francisco, passed 0, recommended for rejection 2; steamship *Tosa Maru* for Seattle, passed 7, recommended for rejection 11.

The emigrants passed, together with 6 intending passengers to Victoria by the steamship *Tosa Maru*, were inspected, bathed, and disinfected. Their effects were disinfected before embarkation.

The official returns of infectious diseases for the week show that there were reported in Kobe 1 case of plague, with 1 death.



## MEXICO.

*Report from Coatzacoalcas—Inspection and fumigation of vessels.*

Acting Assistant Surgeon Thompson reports, April 22:  
 Week ended April 21. Three vessels inspected and passed. One vessel fumigated.

No illness occurred on these vessels while in port.

*Report from Progreso—Sanitary conditions—Yellow fever at Ticul.*

Acting Assistant Surgeon Harrison reports, April 15:  
 The sanitary condition of this port appears to be fairly good. No contagious diseases present at Progreso.

One fatal case of yellow fever has been reported recently in Ticul, a small town in the interior.

*Report from Tampico—Inspection and fumigation of vessels.*

Acting Assistant Surgeon Stowe reports, April 22:

*Week ended April 21.*

Vessels inspected and passed.....	5
Bills of health issued.....	5
Members of crews of outgoing vessels inspected.....	155
Passengers of outgoing vessels inspected.....	5
Vessels fumigated prior to sailing.....	3

No cases of quarantinable disease occurred during the week.

*Report from Veracruz—Smallpox along railway lines—Typhus fever in Mexico City.*

Acting Assistant Surgeon Carter reports, April 19:

Week ended April 18. One case of smallpox was reported, with 1 death. The case was isolated. It is reported that smallpox is prevalent on most of the lines of railroad throughout the country, and an order has been issued for the vaccination of all railroad employees on the several lines. Smallpox is very prevalent in Mexico City.

Yellow fever work is still going on with regularity, and no new cases have been reported.

A number of cases of typhus fever exist in Mexico City. There have been a number of deaths from the disease. Passengers coming from that point are being very closely inspected. The temperatures are being taken of all steerage passengers bound for New York and the Southern States.

## NICARAGUA.

*Reports from Bluefields, fruit port.*

Acting Assistant Surgeon Layton reports:

Week ended April 14. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 8	Bluefields.....	New Orleans.....	22	4	0
13	Agnella.....	do.....	18	0	0

Temperatures of personnel and passengers taken prior to sailing. Week ended April 21. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Apr. 17	U. S. S. Marietta.....	Port Limon.....	164	0	0
21	Imperator.....	New Orleans.....	20	5	0

Temperatures of all on board steamship *Imperator* taken prior to departure.

#### PERU.

*Report from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Plague in Callao—Plague in Chilean ports.*

Acting Assistant Surgeon Gutierrez reports, April 12:

Two weeks ended April 10. During the week ended April 3, 3 steamships were fumigated. They carried an aggregate personnel of 174 members of crews and 35 cabin and 28 steerage passengers. During the week ended April 10, 1 steamship was fumigated. It carried an aggregate personnel of 125 members of crew and 70 cabin and 79 steerage passengers.

The following is the latest report on plague in Peru received from the Director de Salubridad Publica:

Locality.	Cases Mar. 19.	New.	Recovered.	Died.	Remaining Apr. 1.
Department of Lima.....	11	13	5	4	15
Department of Callao.....	2	4	1	2	3
Department of Libertad.....	34	11	12	2	31
Department of Lambayeque.....	17	11	12	1	15
Department of Arequipa.....	1	1	0	1	1
Department of Cajamarca.....	12	36	1	24	23

No cases of smallpox have been reported in Lima or Callao.

Since March 29, 5 cases of plague, with 1 death, have occurred at Callao.

Bills of health report plague in Chile as follows: Antofagasta, April 3, 11 cases isolated; Iquique, April 4, 17 cases isolated, with 9 cases and 4 deaths during the past 2 weeks.



## PHILIPPINE ISLANDS.

*Report from Manila—Smallpox—Status of cholera in the Provinces—  
Inspection of vessels.*

Chief Quarantine Officer Heiser reports, March 15:

Week ended March 13. Eight cases of smallpox with 3 deaths were reported from the city of Manila.

Provincial cholera cases and deaths reported to the bureau of health during the week:

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Bohol.....	133	54	Samar.....	23	9
Capiz.....	66	33	Sorsogon.....	1	.....
Pampanga.....	15	14	Total.....	242	113
Occidental Negros.....	4	3			

Consular bills of health issued as follows:

March 8, the British steamship *Suruga*, en route from Yokohama via Hongkong to New York, granted a supplemental bill of health. Vessel, on account of being in distress by reason of an accident, took no cargo at this port, but returned to Hongkong for docking and repairs.

March 11, the British steamship *Gymeric*, with 39 in the crew, granted a bill of health for Tacoma via Hongkong and Japan ports. Personnel inspected and passed at the hour of sailing; cargo inspected and certified during loading.

March 13, the British steamship *Sungkian*, with 68 in the crew and 72 passengers, en route from Hongkong to Iloilo and Cebu, granted a supplemental bill of health.

## FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

AFRICA—*Kimberly*.—Month ended March 13, 1909. Estimated population, 44,141. Total number of deaths, 60, including 2 from enteric fever.

*Transvaal—Johannesburg*.—Two weeks ended March 20, 1909. Estimated population, 180,687. Total number of deaths, 164, including enteric fever 7, measles 2, whooping cough 1, diphtheria 1, and 31 from tuberculosis.

ALGERIA—*Algiers*.—Month of March, 1909. Estimated population, 155,000. Total number of deaths, 405, including enteric fever 2, smallpox 17, typhus fever 3, whooping cough 1, measles 7, and 77 from tuberculosis.

AUSTRIA-HUNGARY—*Brunn*.—Month of February, 1909. Estimated population, 108,944. Total number of deaths, 245, including tuberculosis 48, diphtheria 2, and scarlet fever 4.

BRAZIL—*São Paulo, Santos, and Campinas*.—Two weeks ended March 14, 1909. Estimated population, 300,000. Total number of

deaths, 338, including smallpox 2, measles 3, enteric fever 3, diphtheria 1, and 18 from tuberculosis.

**FRANCE—Nantes.**—Month of March, 1909. Population, 1900, 132,900. Total number of deaths, 399, including enteric fever 1, diphtheria 9, measles 3, scarlet fever 19, smallpox 1, and 61 from tuberculosis.

**Roubaix.**—Month of March, 1909. Estimated population, 121,115. Total number of deaths, 221, including enteric fever 1, measles 1, and 32 from tuberculosis.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 76 great towns in England and Wales during the week ended April 10, 1909, correspond to an annual rate of 17 per 1,000 population, which is estimated at 16,445,281.

**London.**—One thousand four hundred and seventy deaths were registered during the week, including measles 95, scarlet fever 11, diphtheria 16, enteric fever 2, whooping cough 33, tuberculosis 131, and 8 from diarrhea. The deaths from all causes correspond to an annual rate of 19.9 per 1,000. In Greater London 2,119 deaths were registered. In the "outer ring" the deaths included 19 from measles, 1 from diphtheria, and 13 from whooping cough.

**Ireland.**—The average annual death rate represented by the deaths registered during the week ended April 10, 1909, in the 21 principal town districts of Ireland was 24.4 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Tralee, viz, 5.3, and the highest in Newtownards, viz, 40.1, per 1,000.

**Scotland.**—The deaths registered in 8 principal towns during the week ended April 10, 1909, correspond to an annual rate of 17.7 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 20.6, and the lowest in Paisley, viz, 11.9, per 1,000. The aggregate number of deaths registered from all causes was 634, including diphtheria 9, measles 3, scarlet fever 3, enteric fever 4, and 55 from whooping cough.

**Aberdeen.**—Month of March, 1909. Estimated population, 181,918. Total number of deaths 313, corresponding to an annual death rate of 20.3 per 1,000 of population, including measles 3, scarlet fever 1, whooping cough 31, diphtheria 4, enteric fever 2, and 37 from tuberculosis.

**Dundee.**—Month of March, 1909. Estimated population, 169,409. Total number of deaths, 349, corresponding to an annual death rate of 24.3 per 1,000 of population, including measles 2, scarlet fever 4, whooping cough 13, diphtheria 6, and 51 from tuberculosis.

**Edinburgh.**—Month of March, 1909. Estimated population, 355,366. Total number of deaths, 580, corresponding to an annual death rate of 19.2 per 1,000 of population, including scarlet fever 3, whooping cough 21, diphtheria 2, and 65 from tuberculosis.

*Glasgow*.—Month of March, 1909. Estimated population, 872,021. Total number of deaths, 1,679, corresponding to an annual death rate of 22.7 per 1,000 of population, including measles 1, scarlet fever 14, whooping cough 178, diphtheria 22, enteric fever 10, and 171 from tuberculosis.

*NETHERLANDS—Schiedam*.—Six weeks ended April 3, 1909. Estimated population, 31,193. Total number of deaths, 47, including 2 from tuberculosis.

*SPAIN—Cadiz*.—Month of March, 1909. Estimated population, 69,382. Total number of deaths, 217, including enteric fever 1, whooping cough 28, and 33 from tuberculosis.

*Gibraltar*.—Annual report for the year 1908. Estimated population, 18,316. Total number of deaths, 309, corresponding to an annual death rate of 16.87 per 1,000 of population, including measles 5, whooping cough 2, diphtheria 1, enteric fever 2, and 42 from tuberculosis.

*Seville*.—Month of March, 1909. Estimated population, 148,315. Total number of deaths, 477, including measles 7, enteric fever 1, diphtheria 2, and 70 from tuberculosis.

*TURKEY—Smyrna*.—Month of March, 1909. Estimated population, 400,000. Total number of deaths, 250, including enteric fever 3, smallpox 4, diphtheria 2, and 46 from tuberculosis.

*URUGUAY—Montevideo*.—Month of February, 1909. Estimated population, 312,388. Total number of deaths, 397, including smallpox 11, measles 1, scarlet fever 5, diphtheria 1, enteric fever 4, and 40 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to May 7, 1909.*

Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 15-Jan. 2....	16	13	
China:				
Hongkong.....	Dec. 28-Jan. 16....	2	2	
India:				
Bombay.....	Dec. 9-Apr. 6.....		102	
Calcutta.....	Nov. 1-Mar. 27.....		643	
Madras.....	Nov. 14-Apr. 2.....		60	
Negapatam.....	Oct. 31-Mar. 12.....		33	
Rangoon.....	Nov. 8-Mar. 27.....		67	
Indo-China:				
Cholen.....	Nov. 9-15.....	1	1	
Saigon.....	Mar. 1-6.....	2	2	
Persia:				
Tabriz.....	Oct. 9-Dec. 28.....	1,003	500	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands:</b>				
Manila.....	Nov. 1-Jan. 2.....	84	56	Third quarter, 1908, 673 cases and 458 deaths.
<b>Provinces.....</b>				Third quarter, 1908, 17,619 cases and 11,115 deaths.
Antique.....	Nov. 1-Jan. 16.....	260	163	
Bataan.....	Nov. 1-7.....	1	1	
Bohol.....	Dec. 20-Mar. 13.....	420	199	
Bulacan.....	Nov. 1-Feb. 27.....	82	71	
Cagayan.....	Nov. 1-Jan. 16.....	114	67	
Capiz.....	Nov. 1-Mar. 13.....	1,450	822	
Cavite.....	Nov. 1-Feb. 20.....	110	81	
Cebu.....	Dec. 20-Feb. 6.....	21	15	
Ilocos Norte.....	Nov. 1-Jan. 16.....	335	235	
Ilocos Sur.....	Nov. 1-Jan. 2.....	207	140	
Iloilo.....	Nov. 1-Mar. 6.....	294	154	
Isabela.....	Jan. 24-30.....	2		
Laguna.....	Nov. 1-Mar. 6.....	119	81	
Leyte.....	Nov. 1-Mar. 6.....	158	125	
Negros Occidental.....	Nov. 1-Mar. 13.....	275	178	
Nueva Ecija.....	Feb. 14-20.....	1	1	
Palawan.....	Nov. 1-Dec. 19.....	10	5	
Pampanga.....	Nov. 1-Mar. 13.....	95	68	
Rizal.....	Nov. 1-Feb. 20.....	246	216	
Samar.....	Nov. 1-Mar. 13.....	195	223	
Sorsogon.....	Jan. 10-Mar. 13.....	100	65	
Surigao.....	Nov. 15-Jan. 12.....	7	4	
Union.....	Nov. 1-Jan. 12.....	12	8	
Zambales.....	Dec. 6-12.....	3	3	
<b>Russia, general.....</b>	Nov. 15-Apr. 4.....	4,290	1,778	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: Schuscka, Dnjeprowsk (Simferopol), Bijsk, Smeinogorsk, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat.
Akmolinsk.....	Nov. 15-Jan. 23.....	34	13	
Bakoo.....	Nov. 22-28.....	3	2	
Batoon.....	Nov. 15-21.....	4	2	
Charkov.....	Dec. 6-Mar. 13.....	6	1	
Cronstadt.....	Nov. 15-Jan. 16.....	3	1	
Don, territory of.....	Nov. 15-Mar. 6.....	190	97	
Ekaterinislav.....	Nov. 15-Dec. 26.....	27	11	
Erivan.....	Dec. 1-31.....	28	21	
Helsingfors.....	Jan. 10.....	2	1	In vicinity.
Jaroslav.....	Feb. 7-Mar. 20.....	63	28	
Kherson.....	Nov. 15-Dec. 19.....	2		
Kief.....	Nov. 15-Dec. 12.....	11	1	
Kooban.....	Nov. 15-Jan. 2.....	139	76	
Kostroma.....	Dec. 6-12.....	1		
Livonia.....	Nov. 15-21.....	2	1	
Moscow district.....	Dec. 6-Jan. 30.....	8	8	Including Brownitza.
Moscow.....	Jan. 17-23.....	1	1	Imported.
Odessa.....	Nov. 29-Dec. 12.....	2	2	
Olonets.....	Nov. 21-28.....	1	1	
Poltava.....	Nov. 29-Dec. 5.....	3		
Romanov-Borisoglebsk.....	Mar. 10.....			Present.
Rybinsk.....	Mar. 13.....	7		
Samara gov't dist.....	Nov. 29-Dec. 5.....	7	7	
Samarcand.....	Dec. 6-12.....	10	7	In vicinity.
Saratov.....	Nov. 15-Dec. 12.....	11	6	Mar. 21, 1 case.
Semipalatinsk, territory of.....	Dec. 19-26.....	1		
Stavropol.....	Nov. 15-21.....	1		
St. Petersburg, government.....	Nov. 15-Mar. 19.....	35		
St. Petersburg.....	Nov. 29-Apr. 10.....	2,290	710	
Tambov.....	Nov. 15-Dec. 12.....	16	8	
Tavride.....	Nov. 15-Dec. 19.....	9	5	
Terek, territory of.....	Nov. 15-Dec. 19.....	99	62	
Tiflis.....	Nov. 15-21.....	9	4	
Tomsk.....	Nov. 15-Jan. 23.....	102	48	
Toula.....	Feb. 21-Mar. 6.....	7	2	
Tver district.....	Nov. 15-Dec. 5.....	4		
Volgoda.....	Dec. 6-12.....	1		
Yelisavetpol.....	Nov. 26-Dec. 5.....	5	10	
<b>Slam:</b>				
Bangkok.....	Nov. 1-Dec. 5.....	1		
<b>Straits Settlements:</b>				
Penang.....	Feb. 27.....	1		From s. s. Sunki Maru.
Singapore.....	Nov. 8-Feb. 27.....		165	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Barbados, general.....	Dec. 12-Apr. 17...	64	22	Including the parishes of St. Andrew, St. John, St. Joseph, St. Lucy, St. Michael, and St. Thomas.
Bridgetown.....	Dec. 12-Mar. 20...	11	.....	
Speightstown.....	Mar. 7.....	1	.....	
Brazil:				
Bahia.....	Nov. 15-Mar. 27...	157	60	
Manaos.....	Nov. 29-Apr. 3.....	.....	16	
Para.....	Nov. 22-Apr. 10.....	.....	53	
Pernambuco.....	Nov. 15-Mar. 15.....	.....	3	
Colombia:				
Cartagena.....	Jan. 8-14.....	1	1	
Cuba:				
Oriente Province— San Luis.....	Jan. 1-2.....	2	1	These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31.
Curaçao.....	Jan. 15.....	1	.....	
Dutch Guiana:				
Paramaribo.....	Dec. 1-Jan. 27.....	32	8	
Ecuador:				
Guayaquil.....	Nov. 29-Apr. 3.....	.....	98	
Martinique:				
Fort de France.....	Dec. 13-Mar. 6.....	5	1	
Mexico:				
Itzincal plantation.....	Dec. 6-12.....	2	2	
Maxcanu.....	Dec. 6-Jan. 23.....	5	4	Aug. 22-Dec. 18, 5 cases not previously reported.
Merida.....	Dec. 6-Apr. 13.....	16	8	
San Bernardo plantation...	Dec. 27-Mar. 20.....	7	4	
Sodzil plantation.....	Dec. 13-Jan. 2.....	7	5	
Ticul.....	Feb. 1-Apr. 13.....	4	2	
Veracruz.....	Dec. 6-Feb. 13.....	13	6	
Trinidad:				
Port of Spain.....	Jan. 20.....	.....	1	

## PLAGUE.

Azores:				
Fayal.....	Apr. 1.....	1	.....	
Terceira.....	Mar. 31-Apr. 1.....	17	6	
Australia:				
Brisbane.....	Nov. 1-7.....	1	1	
Brazil:				
Bahia.....	Nov. 15-Mar. 27...	60	27	
Para.....	Jan. 24-Feb. 6.....	.....	2	
Pernambuco.....	Nov. 1-Dec. 31.....	.....	10	
Rio de Janeiro.....	Nov. 16-Mar. 28...	75	36	
Chile:				
Antofagasta.....	Feb. 28-Mar. 11...	32	.....	Apr. 3, 11 cases in lazaretto.
Arica.....	Mar. 9.....	.....	.....	Present.
Iquique.....	Jan. 1-Apr. 4.....	51	19	Year 1908, 133-70; Apr. 4, 17 cases in the lazaretto.
Magillones.....	Mar. 9-10.....	70	.....	
Taital.....	Feb. 11.....	.....	.....	Present.
China:				
Amoy.....	Mar. 6.....	1	.....	Present Mar. 20, and present at Wuchang in September.
Canton.....	Mar. 6-20.....	35	25	
Chincheu.....	Mar. 7-13.....	.....	.....	Present.
Fukien province, Chang Poo	Mar. 7-13.....	.....	.....	Epidemic.
Hankau.....	Nov. 30-Dec. 5.....	1	1	On river boat Loongwo.
Hongkong.....	Nov. 8-Mar. 6.....	11	9	
Tamchou.....	Dec. 19.....	.....	.....	Vicinity of Hainan; present.
Tientsin.....	Oct. 18-Nov. 21...	.....	.....	Feb. 16, again present.
Tongshan.....	Nov. 1-14.....	.....	.....	Present.
Ecuador:				
Babohoyo.....	Jan. 16.....	3	.....	
Guayaquil.....	Nov. 29-Apr. 3.....	.....	85	
Milagro.....	Nov. 17-Jan. 18...	18	8	
Nisag.....	Jan. 16.....	7	.....	
Tolte.....	Dec. 25-Jan. 17...	30	20	
Egypt:				
Alexandria.....	Nov. 14-Jan. 20...	4	.....	
Fort Said.....	Dec. 4.....	1	.....	
Suakim.....	Feb. 1.....	1	.....	On ss. Hurler II.



*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Egypt—Continued.</b>				
<b>Provinces—</b>				
Assiout.....	Dec. 2-Mar. 20....	19	13	
Beherach.....	Nov. 24-Dec. 26....	11	6	
Dakaklieh.....	Feb. 4-Mar. 20....	6	6	
Galyoobeeyeh.....	Nov. 21-Feb. 2....	3	2	
Garbieh.....	Nov. 27-Jan. 28....	4	8	
Girgeh.....	Oct. 18-Mar. 14....	8	1	
Fayoum.....	Nov. 23-Dec. 1....	1	35	
Menouf.....	Nov. 27-Jan. 17....	155	5	
Minieh.....	Nov. 25-Apr. 1....	13		
<b>German East Africa:</b>				
Dar-es-Salaam.....	Oct. 10-Jan. 7....	7	5	
<b>Great Britain:</b>				
Elstree.....	Feb. 3-4.....	1	1	At plague laboratory.
<b>India:</b>				
Bombay Presidency and Sind.....	Nov. 2-Mar. 20....	19,451	13,886	
Madras Presidency.....	Nov. 2-Mar. 20....	1,101	789	
Bengal.....	Nov. 2-Mar. 20....	4,731	3,946	
United Provinces.....	Nov. 2-Mar. 20....	7,096	5,934	
Punjab.....	Nov. 2-Mar. 20....	13,279	10,673	
Burma.....	Nov. 2-Mar. 20....	4,783	4,530	
Central provinces, including Berar.....	Nov. 2-Mar. 20....	5,268	4,141	
Coorg.....	Nov. 2-Dec. 17....	5	3	
Mysore State.....	Nov. 2-Mar. 20....	2,823	2,026	
Hyderabad State.....	Nov. 2-Mar. 20....	616	509	
Central India.....	Nov. 2-Mar. 20....	750	582	
Rajputana.....	Nov. 2-Mar. 20....	2,757	2,513	
Kashmir.....	Mar. 14-20.....	5	2	
Grand total.....		62,665	49,534	
<b>Indo-China:</b>				
Cholon.....	Oct. 25-Dec. 19....	12	11	Including Chuquan.
Saigon.....	Oct. 25-Mar. 13....	24	20	
<b>Japan:</b>				
Amagasaki.....	Feb. 27.....			Present.
Awaji Island, Sumoto.....	Feb. 27.....			Do.
Formosa.....	Nov. 8-Mar. 27....	361	292	Mainly in the central and south central part.
Kagi, prefecture.....	Jan. 16.....	5		
Higo, prefecture.....				Year 1908, 219 cases additional.
Kagoshima, prefecture.....	Feb. 6.....	1		From ss. Shinkochi Maru.
Kobe.....	Jan. 20-Mar. 27....	5	4	3 cases from ss. Ghazee. Feb. 27, again present.
Mikagi.....	Feb. 27.....			Present.
Nara, prefecture.....				Year 1908, 2 cases additional.
Nishinomiya.....	Jan. 6.....	1		Year 1908, 53 cases. Feb. 28, still present.
Osaka.....	Dec. 22-Jan. 29....	3	1	Year 1908, 59 cases additional. Case Jan. 29, on ss. Shinkochi Maru.
Tokushima, prefecture.....		1		Year 1908.
Yura.....		116	83	Do.
<b>Mauritius.</b>				
	Oct. 2-Jan. 31....		106	
<b>Peru:</b>				
Arequipa, general.....	Feb. 19-Apr. 1....	6	4	
Mollendo.....	Nov. 1-Feb. 18....	1	5	
Cajamarca, general.....	Feb. 19-Apr. 1....	55	31	
Cascas.....	Feb. 12-18.....	12	5	
Chota.....	Jan. 22-Feb. 18....	8	8	
Callao, general.....	Feb. 19-Apr. 1....	7	3	
Callao.....	Nov. 13-Feb. 18....	18	11	Apr. 12, present.
Lambayeque, general.....	Feb. 19-Apr. 1....	39	15	
Chiclayo.....	Nov. 13-Feb. 18....	44	23	
Eten.....	Nov. 13-Dec. 31....	11	10	
Jayanca.....	Feb. 4.....	12		
Lambayeque.....	Feb. 18-Mar. 4....	6	5	
Motupe.....	Dec. 17-Jan. 14....	2		
San Jose.....	Nov. 13-Dec. 3....	2		
Zafra.....	Jan. 14-Feb. 18....	4	2	
Libertad, general.....	Feb. 19-Apr. 1....	56	19	
Casma.....	Feb. 4.....	1	1	
Chepen.....	Nov. 27-Feb. 18....	19	6	
San Pedro.....	Nov. 13-Feb. 18....	28	21	
Trujillo.....	Nov. 13-18.....	153	70	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Lima, general.	Feb. 19-Mar. 18.	15	3	
Chorrillos.	Jan. 22-Feb. 4.	2	2	
Lima.	Nov. 13-Feb. 13.	50	19	
Huachiriri, Matucana, Surco.	Feb. 4.	15		
Piura, general.	Feb. 19-Mar. 4.	2	1	
Catacaos.	Dec. 11-Feb. 18.	7		
Paíta.	Dec. 11-17.	3	2	
Piura.	Dec. 11-Jan. 14.	6	4	
Russia:				
Libau.	Mar. 30-Apr. 5.	1		
Siam:				
Bangkok.	Sept. 27-Dec. 26.	12	6	Present in November.
Straits Settlements:				
Singapore.	Nov. 30-Feb. 6.	2	2	
Turkey in Asia:				
Bagdad.	Nov. 6-Feb. 5.	14	7	
Beirut.	Dec. 17-Jan. 9.	5	5	
Jiddah.	Dec. 12-Apr. 4.	171	151	
Zanzibar.	Nov. 10.	1	1	

## SMALLPOX.

Algeria:				
Algiers.	Dec. 1-Mar. 31.		95	
Bona.	Jan. 1-Mar. 31.	57	34	
Arabia:				
Aden.	Nov. 25-Feb. 22.		74	
Argentina:				
Buenos Aires.	Oct. 1-Dec. 31.		2	
Australia:				
New South Wales—				
Newcastle.	Nov. 1-30.	1		
Austria:				
Bohemia.	Jan. 31-Feb. 13.	8		
Galicia.	Dec. 20-Apr. 10.	10		
Silesia.	Jan. 3-Apr. 10.	5		
Trieste.	Mar. 21-27.	1		
Brazil:				
Bahia.	Nov. 15-Mar. 27.	327	29	
Para.	Feb. 14-Mar. 27.	3	2	
Pernambuco.	Nov. 1-Mar. 15.		118	
Rio de Janeiro.	Nov. 16-Mar. 28.	1,373	672	
Santos.	Nov. 1-Dec. 20.		10	
São Paulo.	Nov. 1-Mar. 14.		59	
British Honduras:				
Stann Creek.	Feb. 5-Mar. 10.	6	1	32 miles south of Belize.
British South Africa:				
Cape Town.	Dec. 28-Mar. 13.	5		
Canada:				
British Columbia—				
Vancouver.	Dec. 1-Mar. 31.	7		
Victoria.	Dec. 12-Feb. 28.	28	4	
Manitoba—				
Winnipeg.	Dec. 20-Jan. 20.	6		
Ontario, Province, general.	Dec. 1-31.	118		
Hamilton.	Jan. 17-23.	1		
Toronto.	Nov. 8-Mar. 6.	21		
Nova Scotia—				
Halifax.	Dec. 13-Apr. 24.	73		
Tusketwedgie.	Feb. 13.	1		
Yarmouth.	Dec. 1-Mar. 27.	29		Revised.
Quebec—				
Montreal.	Dec. 26-Jan. 2.	1		
Ceylon:				
Colombo.	Nov. 1-Mar. 20.	192	42	Reports Dec. 19-Jan. 26 received out of date.
Chile:				
Concepcion.	Jan. 15-31.	1		
Talcahuana.	Nov. 20-Jan. 28.			Present in vicinity.
Valparaiso.	Dec. 6-19.	2		
China:				
Amoy.	Oct. 11-Nov. 8.		2	Mar. 20, still present.
Canton.	Mar. 6-20.	45		
Hongkong.	Jan. 3-Mar. 6.	7	3	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China—Continued.				
Shanghai.....	Nov. 11-Mar. 21...	6	5	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Tientsin.....	Jan. 17-Feb. 27....	10	2	
Cuba:				
Cienfuegos.....	Mar. 6.....	1		
Habana.....	Dec. 26-Apr. 3....	5		Case Dec. 26 on s. s. Florida, case Jan. 19 on s. s. Alfonso XIII, case Mar. 25 on s. s. Monterey, case Apr. 3 on s. s. La Navarre.
Ecuador:				
Guamote.....	Jan. 16.....			Present.
Manglar Alto.....	Jan. 17.....			Epidemic.
Egypt, general.....	Nov. 12-Feb. 25....	737	164	
Alexandria.....	Nov. 26-Feb. 28....	42	26	
Cairo.....	Nov. 19-Mar. 25....	450	196	
Suez.....	Feb. 19-Mar. 6....	27	2	
France:				
Marseille.....	Dec. 1-Jan. 31....		2	
Nantes.....	Mar. 15-21.....	1		
Nice.....	Jan. 1-Feb. 28....	2		
Paris.....	Nov. 22-Apr. 8....	57	3	
Toulon.....	Jan. 1-31.....	1		
Germany, general.....	Nov. 19-Apr. 17....	71		
Breimen.....	Jan. 16-23.....	2		
Breslau.....	Dec. 20-26.....	1		
Brunswick.....	Feb. 16-20.....	1		
Hamburg.....	Mar. 13.....	2		Among Russian emigrants.
Königsberg.....	Jan. 9.....	1		
Greece:				
Athens.....	Nov. 22-Mar. 6....		5	
Patras.....	Dec. 16-31.....	1	1	
Great Britain:				
Bristol.....	Dec. 13-Apr. 10....	30	7	
Cardiff.....	Apr. 3-10.....	1		
Dunbar.....	Mar. 21-27.....	1		From a vessel.
London.....	Feb. 1-6.....	1		
Guatemala:				
Guatemala City.....	Dec. 21.....	600	200	Estimated, 2,500 cases; 840 deaths. Feb. 11, still present.
India:				
Bombay.....	Nov. 25-Apr. 2....		222	
Calcutta.....	Nov. 1-Mar. 27....		2,618	
Madras.....	Nov. 28-Apr. 2....		20	
Rangoon.....	Nov. 22-Mar. 27....		59	
Indo-China:				
Cholon.....	Nov. 15-Dec. 5....	6	5	
Saigon.....	Nov. 1-Mar. 21....	35	21	
Italy, general.....	Nov. 30-Apr. 4....	256		
Catania.....	Feb. 28-Mar. 27....	8		
Cinquefrondi.....	Jan. 15-21.....	13		
Florence.....	Nov. 24-Mar. 10....	4		
Genoa.....	Dec. 1-Feb. 28....	8		
Naples.....	Dec. 7-Apr. 11....	360	59	Jan. 18, 1 case on s. s. Europa.
Palermo.....	Jan. 4-Mar. 6....	11	2	
Polesella.....	Dec. 1.....			Epidemic.
Tatrinoli.....	Jan. 15-21.....	2		
Japan:				
Formosa.....	Nov. 29-Mar. 13....	19		
Kobe.....	Feb. 14-Mar. 6....	5	2	3 cases in March from s. s. Ghazee, from Singapore.
Tokyo.....	May 8-Dec. 31....	314		
Java:				
Batavia.....	Nov. 1-Mar. 20....	66	5	
Malta.....	Nov. 22-Feb. 20....	4	1	1 case Nov. 22 on vessel.
Manchuria:				
Dalny.....	Jan. 17-Mar. 13....	2	1	
Mexico:				
Acapulco.....	Jan. 11-Feb. 14....	15		
Acayucan.....	Mar. 17.....			Present.
Guadalajara.....	Jan. 7-Apr. 15....		14	
Mexico City.....	Nov. 8-Mar. 6....		149	
Monterey.....	Jan. 4-Apr. 25....		41	
Rosita.....	Mar. 29.....	3		
Sabinas.....	Mar. 31.....	10		
Salina Cruz.....	Jan. 1-15.....	5		
Tehuantepec.....	Jan. 28-Feb. 3....			Do.
Veracruz.....	Dec. 13-Apr. 5....	8	4	
Yucatan, Camp Mengel.....	Dec. 21.....	1		
Moluccas Islands.....	Dec. 12.....			Do.



*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Netherlands, The:				
Rotterdam.....	Jan. 10-Mar. 27....	1	1	
Newfoundland.....	Feb. 9-Mar. 20....	2		Epidemic on south coast.
St. Johns.....	Jan. 10-Apr. 3....	11		Case Jan. 10 from s. s. Portia.
Norway:				
Bergen.....	Jan. 24-30.....		2	
Christiania.....	Nov. 22-28.....	1	1	
Paraguay:				
Asuncion.....	Dec. 20-26.....			Present.
Persia:				
Arabistan.....	Jan. 1-28.....			Do.
Dizfoul.....	Jan. 1-28.....			Do.
Hamadan.....	Oct. 2-Dec. 24....	350	100	Estimated.
Kerman.....	Nov. 11.....			Present.
Kermanshah.....	Oct. 1-31.....			Do.
Mechedisser.....	Jan. 1-28.....			Do.
Mohammerah.....	Jan. 1-28.....			Do.
Sultanabad.....	Oct. 1-31.....			Do.
Tabriz.....	Oct. 2-8.....			Do.
Teheran.....	Sept. 18-Oct. 28..		17	
Trebizond.....	Jan. 16.....			Do.
Peru:				
Lima.....	Nov. 22-Dec. 31..	11		Mar. 27, 1 case in the lazaretto.
Salaverry.....	Nov. 19-25.....		1	
Philippine Islands:				
Manila.....	Nov. 1-Mar. 13....	47	16	Feb. 26, 1 case on s. s. Indrapura. Third quarter, 1908, 84 cases, 38 deaths.
Porto Rico:				
Mayaguez.....	Dec. 20-Jan. 2....	2		
Portugal:				
Lisbon.....	Nov. 30-Apr. 10..	47		One case, Jan. 27, from s. s. Aragon.
Russia:				
Batoom.....	Dec. 1-Feb. 28....	2		
Moscow.....	Nov. 20-Mar. 27..	342	125	
Odesa.....	Oct. 4-Apr. 3.....	76	12	
Reval.....	Jan. 1-31.....	1		
Riga.....	Nov. 29-Apr. 10..	19		
St. Petersburg.....	Nov. 15-Mar. 27..	150	43	
Warsaw.....	Nov. 1-Feb. 6....		63	
Salvador:				
San Salvador.....	Feb. 6.....	3		
Santa Ana.....	Feb. 6.....	40		Present on routes to Guatemala.
Servia:				
Belgrade.....	Dec. 6-12.....	2		
Siam:				
Bangkok.....	Nov. 1-30.....			Present.
Siberia:				
Vladivostok.....	Dec. 14-Feb. 14..	2		
Southeast Africa:				
Lourenço Marquez.....	Jan. 1-31.....	1	1	
Spain:				
Almeria.....	Jan. 1-Mar. 31....		4	Apr. 1-Dec. 31, 1908, 9 cases.
Barcelona.....	Dec. 6-Apr. 19....		56	
Cartagena.....	July 1-31.....		15	
Huelva.....	Mar. 1-31.....		2	
Madrid.....	Nov. 1-Mar. 31....		88	
Valencia.....	Nov. 29-Apr. 9....	86	9	
Vigo.....	Nov. 30-Mar. 27..		12	
Straits Settlements:				
Penang.....	Mar. 1-27.....	2	2	Case Mar. 1 from s. s. Pentakota, case Mar. 27 from s. s. Hong Sin.
Singapore.....	Dec. 28-Mar. 6....		9	
Switzerland:				
Zurich.....	Feb. 21-27.....	3		
Tripoli:				
Tripoli.....	Feb. 13-Apr. 10..	101	15	
Turkey in Asia:				
Adalla.....	Sept. 24-27.....		2	
Bagdad.....	Feb. 13-Mar. 13..			Present.
Bassorah.....	Jan. 3-Apr. 3.....			Do.
Smyrna.....	Oct. 7-Mar. 25....		73	
Turkey in Europe:				
Constantinople.....	Dec. 7-Apr. 4.....		64	
Trebizond.....	Feb. 7-20.....			Do.
Uruguay:				
Montevideo.....	Dec. 1-Feb. 28....		13	

Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aberdeen	Apr. 10	181,918	57	...	...	...	...	...	...	...	...	1	2
Acapulco	Apr. 17	5,000	8	1	...	...	...	...	...	...	...	...	...
Aguscalientes	Apr. 18	40,000	52	3	...	...	...	...	...	...	1	...	5
Aix la Chapelle	Mar. 27	159,655	64	6	...	...	...	...	...	...	...	1	1
Do.	Apr. 3	159,655	54	6	...	...	...	...	...	...	1	...	...
Amsterdam	Apr. 17	566,218	186	25	...	...	...	...	...	...	...	2	3
Antwerp	Apr. 3	329,921	95	7	...	...	...	...	...	...	1	...	...
Asuncion	Feb. 21	75,000	20	2	...	...	...	...	...	...	...	...	...
Do.	Feb. 27	75,000	24	1	...	...	...	...	...	2	...	...	...
Athens	Apr. 3	241,058	83	12	...	...	...	...	...	...	...	...	5
Baracoa	Apr. 10	27,000	4	...	...	...	...	...	...	...	...	...	...
Barcelona	Apr. 12	600,000	312	18	...	...	...	3	...	3	...	6	3
Barmen	Mar. 27	161,300	5	...	...	...	...	...	...	...	...	...	...
Berlin	Mar. 30	2,113,421	583	82	...	...	...	...	...	1	6	17	8
Do.	Feb. 6	2,113,421	653	91	...	...	...	...	...	1	11	11	3
Do.	Feb. 13	2,113,421	583	80	...	...	...	...	...	2	13	11	7
Birmingham	Apr. 10	558,336	203	...	...	...	...	...	...	...	1	...	29
Bluefields	Apr. 3	2,500	2	...	...	...	...	...	...	...	...	...	...
Do.	Apr. 10	2,500	1	...	...	...	...	...	...	...	...	...	...
Bombay	Mar. 30	977,822	1,152	53	450	1	...	31	...	4	...	...	6
Bordeaux	Apr. 3	253,000	129	17	...	...	...	...	...	1	...	1	3
Bremen	Apr. 10	234,666	70	10	...	...	...	...	...	...	1	...	1
Breslau	Apr. 3	335,186	235	37	...	...	...	...	...	...	2	1	1
Bristol	do.	377,642	101	4	...	...	...	1	...	...	...	...	4
Do.	Apr. 10	377,642	148	8	...	...	...	...	...	...	...	...	8
Brussels	Apr. 3	704,975	188	14	...	...	...	...	...	...	2	1	...
Do.	Apr. 10	704,975	183	21	...	...	...	...	...	...	3	3	2
Calo	Mar. 25	701,806	439	28	...	...	...	11	10	1	...	3	8
Calcutta	Mar. 20	847,796	881	22	77	101	...	305	...	...	...	...	...
Cardiff	Apr. 3	195,303	58	5	...	...	...	...	...	...	...	...	1
Do.	Apr. 10	195,303	66	13	...	...	...	...	...	...	...	...	...
Celba	Apr. 17	6,500	3	...	...	...	...	...	...	...	...	...	...
Chemnitz	Mar. 27	272,488	97	13	...	...	...	...	...	...	...	...	...
Do.	Apr. 3	272,488	102	12	...	...	...	...	...	1	1	1	...
Chihuahua	Apr. 18	37,000	20	2	...	...	...	...	...	...	...	...	...
Cienfuegos	Apr. 3	37,000	23	...	...	...	...	...	...	...	...	...	...
Do.	Apr. 10	37,000	21	...	...	...	...	...	...	...	...	...	...
Do.	Apr. 17	37,000	20	...	...	...	...	...	...	...	...	...	...
Coburg	Apr. 3	23,491	10	2	...	...	...	...	...	...	...	...	...
Cognac	Feb. 20	19,483	10	...	...	...	...	...	...	...	...	...	...
Do.	Apr. 10	19,483	4	1	...	...	...	...	...	...	...	...	...
Cologne	Apr. 3	469,299	171	17	...	...	...	...	...	...	2	9	...
Colon	Apr. 11	16,000	13	1	...	...	...	...	...	...	...	...	4
Constantinople	Apr. 4	1,000,000	323	44	...	...	...	1	...	12	...	2	1
Copenhagen	Mar. 27	447,000	164	17	...	...	...	...	...	...	4	1	4
Dalny	Mar. 20	35,947	13	1	...	...	...	...	...	1	...	...	...
Damascus	Mar. 27	250,000	47	...	...	...	...	...	...	...	...	...	...
Do.	Apr. 3	250,000	50	...	...	...	...	...	...	...	...	...	...
Denia	Apr. 10	12,431	2	...	...	...	...	...	...	...	...	...	...
Dublin	Apr. 3	394,525	204	43	...	...	...	...	...	...	...	4	9
Dundee	Apr. 10	169,409	65	...	...	...	...	...	...	...	...	2	...
Durban	Mar. 20	60,972	9	1	...	...	...	...	...	...	...	...	4
Edinburgh	Apr. 10	355,366	105	13	...	...	...	...	...	...	...	1	...
Flushing	do.	21,208	5	...	...	...	...	...	...	...	...	...	3
Frontera	do.	9,000	6	...	...	...	...	...	...	...	...	...	...
Geneva	Mar. 27	118,500	48	...	...	...	...	...	...	...	...	...	...
Do.	Apr. 3	118,500	42	...	...	...	...	...	...	...	...	...	...
Ghent	do.	164,579	38	3	...	...	...	...	...	...	...	...	...
Glasgow	Apr. 16	872,021	327	...	...	...	...	...	...	4	3	4	...
Gothenburg	Apr. 10	162,400	32	6	...	...	...	...	...	...	...	...	42
Greenock	do.	72,300	24	...	...	...	...	...	...	...	...	...	...
Guadalajara	Apr. 15	125,000	98	...	...	...	...	4	...	2	5	...	3
Halifax	Apr. 17	40,787	15	1	...	...	...	...	...	...	...	...	...
Hamburg	Apr. 10	872,252	294	32	...	...	...	...	...	...	5	3	1
Hamilton, Bermuda	Apr. 12	20,206	6	...	...	...	...	...	...	...	...	...	4
Do.	Apr. 19	20,206	5	...	...	...	...	...	...	...	...	...	...
Havre	Apr. 10	132,430	74	19	...	...	...	...	...	...	...	...	...
Kobe	Mar. 20	389,717	137	...	...	...	...	...	...	...	...	1	...
Lausanne	Mar. 27	60,000	22	...	...	...	...	...	...	...	...	...	...
Leeds	Apr. 10	484,012	132	8	...	...	...	...	...	...	...	3	1
Leipzig	Apr. 3	537,686	167	26	...	...	...	...	...	...	1	1	1

a Reported out of date.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Leith.....	Apr. 10	85,721	22	3								1	
Liverpool.....	do.....	760,357	296	20							4	27	8
Lisbon.....	Mar. 20	406,869	194	24							3		
London.....	Apr. 10	4,833,938	1,470	131							11	16	33
Lübeck.....	do.....	97,000	32							1	1		
Lyon.....	Mar. 27	472,114	227	38								5	2
Do.....	Apr. 3	472,114	219	41								2	1
Madras.....	Mar. 26	509,346	407		1							3	
Managua.....	Mar. 27	22,287	17	1									
Manaos.....	Mar. 20	54,000	35	4			3						
Do.....	Mar. 27	54,000	32	1			1						
Do.....	Apr. 3	54,000	29	2			1						
Manchester.....	Apr. 10	631,533	223	26						2	4	3	2
Mannheim.....	Mar. 27	182,482	48	7								8	
Mazatlan.....	Apr. 3	22,000	21										
Moncton, N. B.....	Apr. 24	13,000	4	2									
Monterey.....	Apr. 18	100,000	85	5				7		2		1	
Montreal.....	Apr. 17	378,856	148	18						2	7	2	1
Munich.....	Apr. 3	566,000	238	36								5	2
Nagasaki.....	Mar. 28	175,936	47										
Nantes.....	Apr. 11	161,908	67	9									
Newcastle-on-Tyne.....	Apr. 10	281,584	98							1	1	1	7
Newchwang.....	Mar. 20	60,000	10										
Nottingham.....	Apr. 3	260,000	94									1	6
Nuevo Laredo.....	Apr. 17	8,000	5	3									
Odessa.....	Apr. 3	520,000	184	28					1	1	1	1	4
Ottawa.....	Apr. 17	57,640	30										
Para.....	Apr. 10	185,000	106	12			3						
Penang.....	Mar. 20	102,520	64	8						1			
Plymouth.....	Apr. 10	124,180	39									2	
Port Elizabeth.....	Mar. 27	32,959	7	1									
Queenstown.....	Apr. 10	7,909	3										
Rangoon.....	Mar. 20	252,155	179	2	16	3		9					
Rio de Janeiro.....	Mar. 21	811,443	269	49				9		1			2
Do.....	Mar. 28	811,443	229	60				7			1		
Rome.....	Jan. 30	559,715	320	14						2	1	3	9
Rotterdam.....	Apr. 10	412,905	131							1		1	
St. John, N. B.....	Apr. 24	40,711	20	6								1	
St. Petersburg.....	Mar. 27	1,678,000	823	148		3		6	3	8	16	14	29
St. Stephen, N. B.....	Apr. 24	2,840	1										
San Feliu de Guixols.....	Apr. 10	11,094	5	1									
Santa Cruz de Tenerife.....	Apr. 3	46,000	11	1								1	
Singapore.....	Mar. 13	260,000	156	19						1			
Southampton.....	Apr. 10	124,667	44	7						1			2
South Shields.....	do.....	117,627	39	4								1	3
Stettin.....	do.....	230,000	64	4						2			
Stockholm.....	Mar. 27	337,460	115	21							3		1
Tegucigalpa.....	Apr. 6	24,000	7										
Tientsin.....	Mar. 20	1,000,000	5	2									
Trieste.....	Mar. 27	215,250	118							1			
Turin.....	Apr. 2	381,439	163	16								3	1
Valencia.....	Apr. 9	250,000	103	14						1			
Victoria.....	Apr. 17	30,000	7	2									
Vienna.....	Apr. 3	2,042,426	825	149							10	4	19
Do.....	Apr. 10	2,042,426	816	142						1	7	8	14
Vevay.....	Mar. 27	14,500	5										
Vigo.....	Apr. 10	40,000	14	3						1		1	
Warsaw.....	Feb. 6	751,595	315	62				2		3	6	1	2
West Hartlepool.....	Apr. 10	66,750	18										
Winnipeg.....	Apr. 17	118,000	40	4									
Yokohama.....	Apr. 5	392,870								1		1	
Zanzibar.....	Mar. 21	75,000	12	1									
Zurich.....	Apr. 10	180,000	65	11								1	1

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.